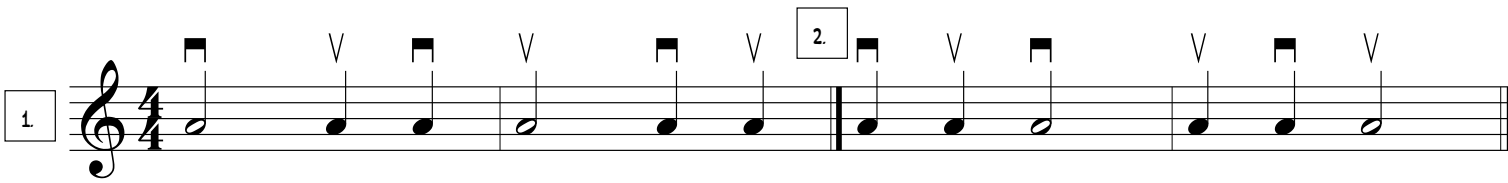
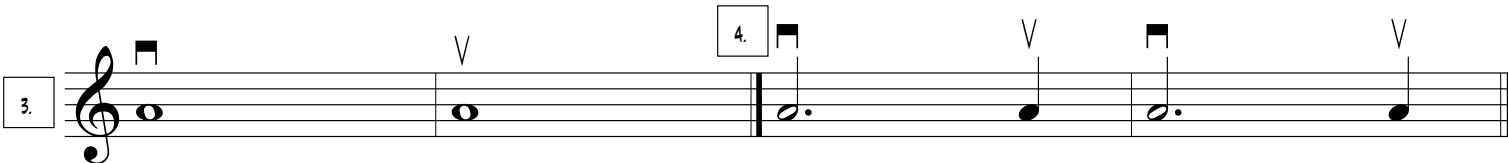


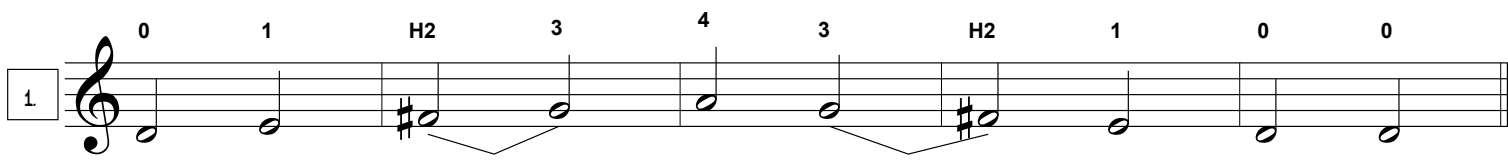
MS Orchestral Warmups

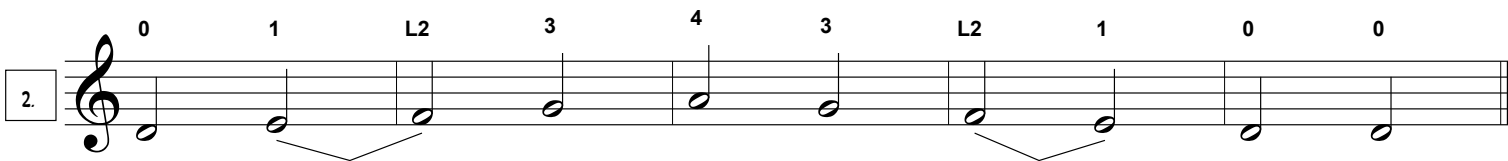
Exercise #1 - Open Strings (Bow Control) Begin on A String, D, G, C, E

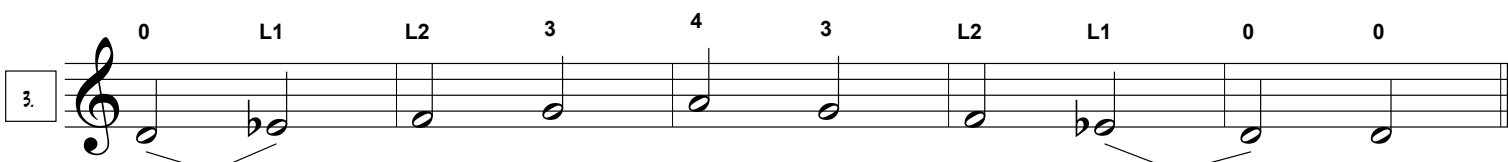
1. 

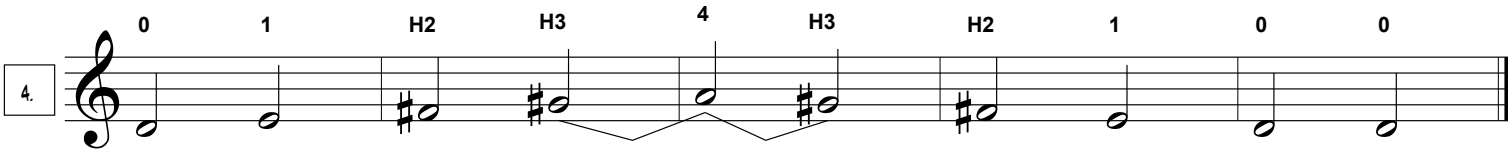
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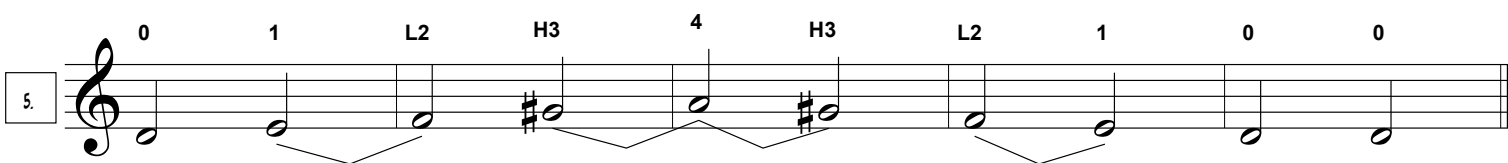
Exercise #2 - Finger Patterns (Written Out on D String - to be Played on All Strings)

1. 

2. 

3. 

4. 

5. 

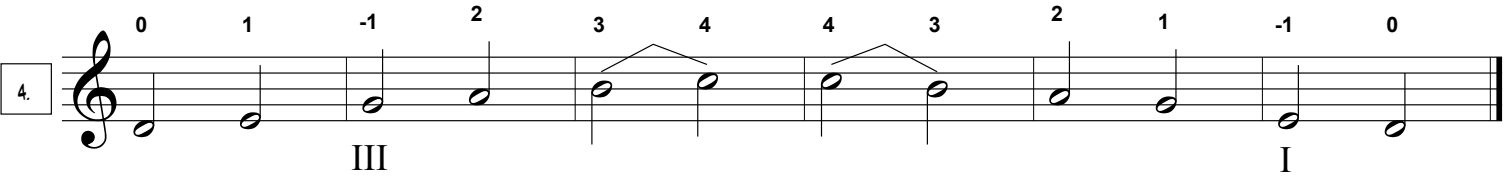
MS Orchestral Warmups

Exercise #3 - Shifting. Written Out on D String Only - to be Played on All Strings

1. 


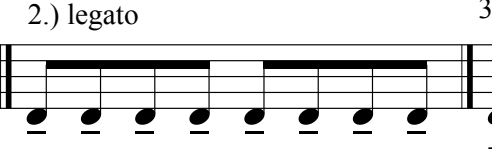

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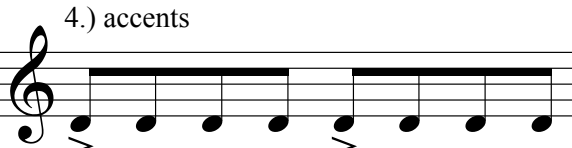
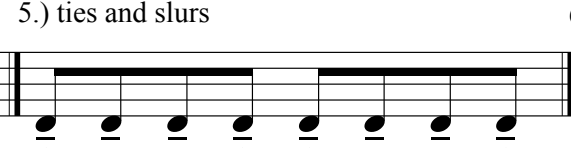
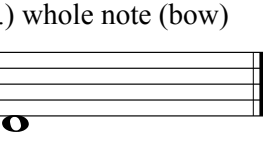
3. 

4. 

5. 

Exercise #4 [A.] On Open String (C,G,D,A,E) [B.] Alternate on 2 strings CG,GD,DA,AE)

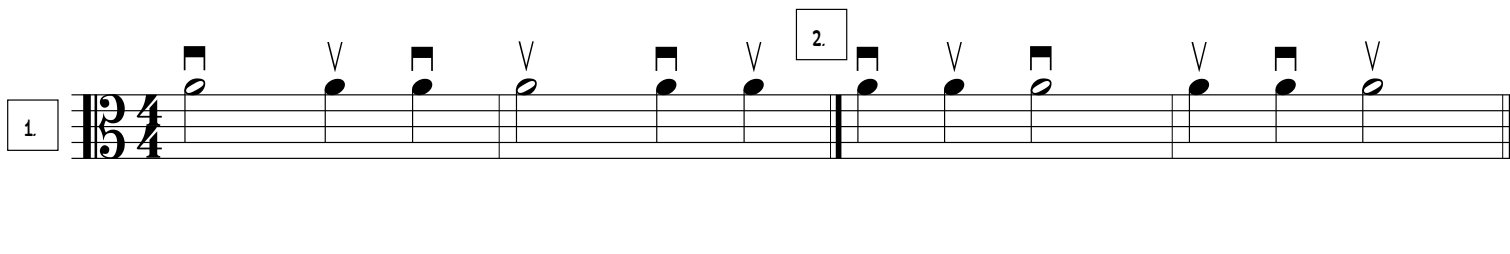
1.) spiccato  2.) legato  3.) marcato 

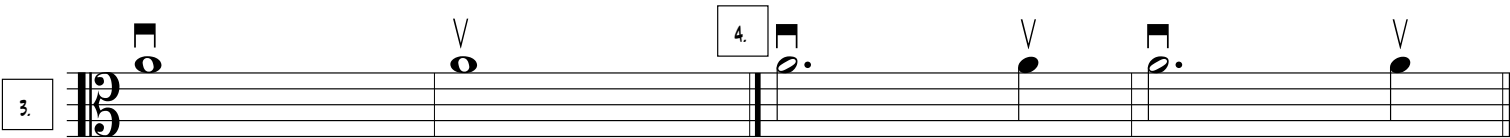
4.) accents  5.) ties and slurs  6.) whole note (bow) 

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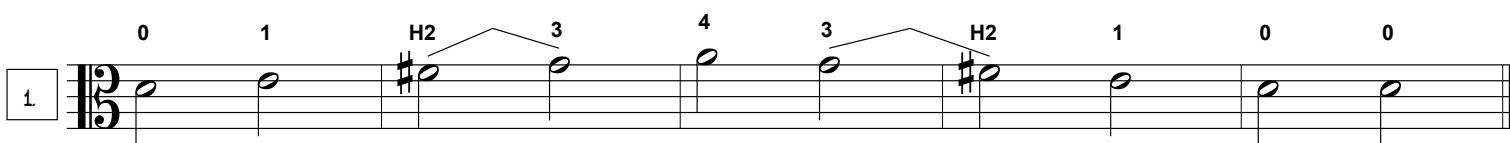
Viola

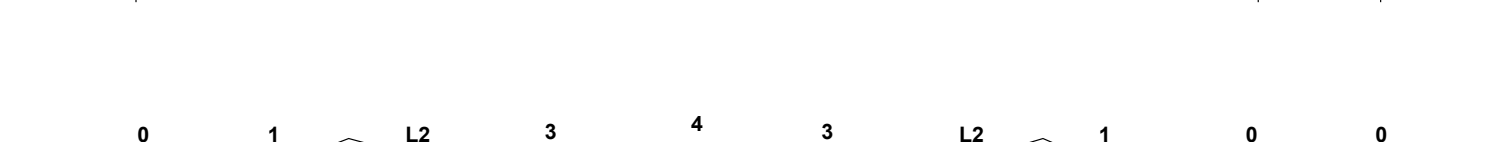
Exercise #1 - Open Strings (Bow Control) Begin on A String, D, G, C, E

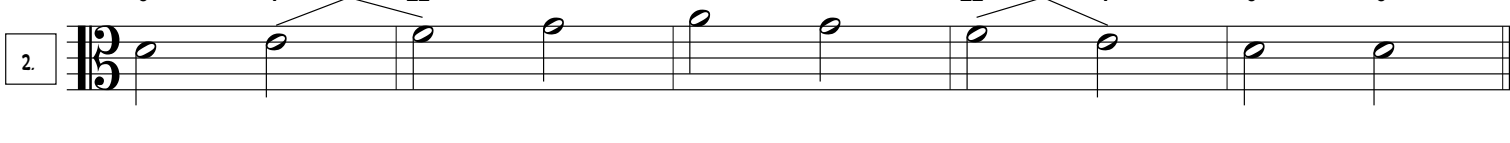
1. 

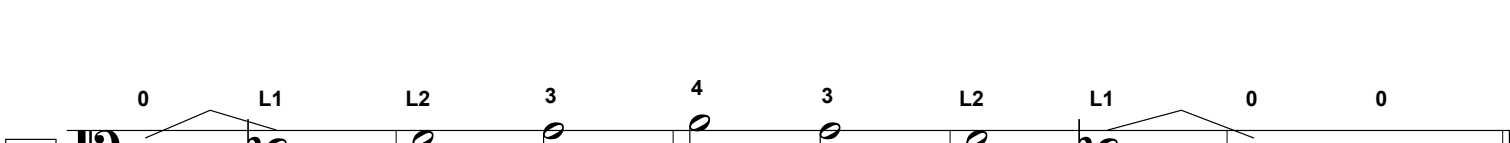
3. 

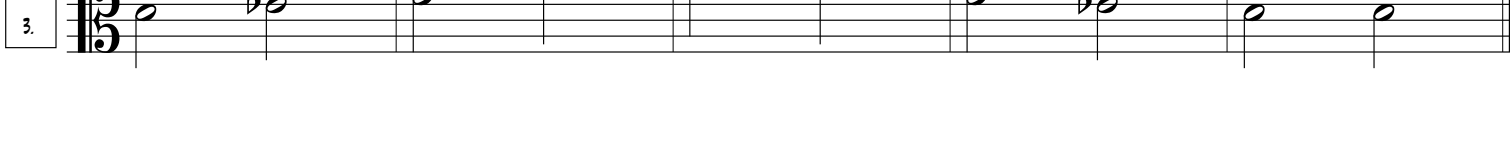
Exercise #2 - Finger Patterns (Written Out on D String - to be Played on All Strings)

1. 

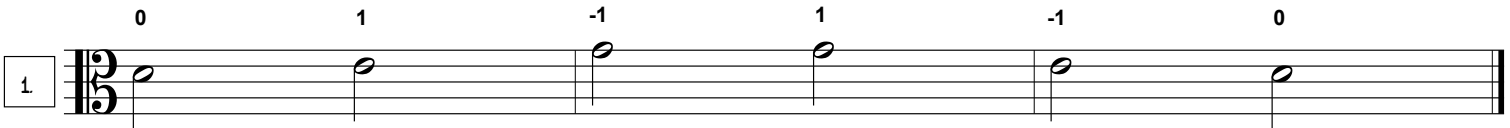
2. 

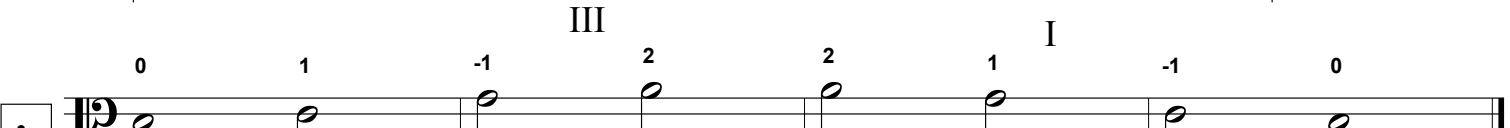
3. 

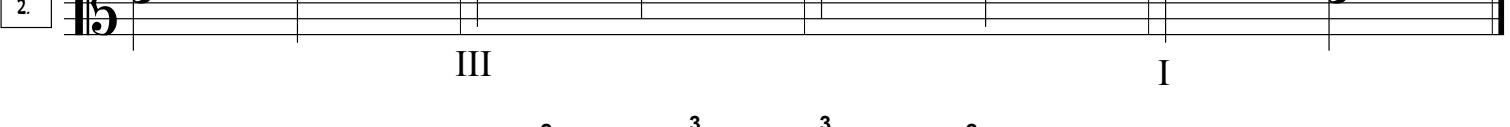
4. 


5. 

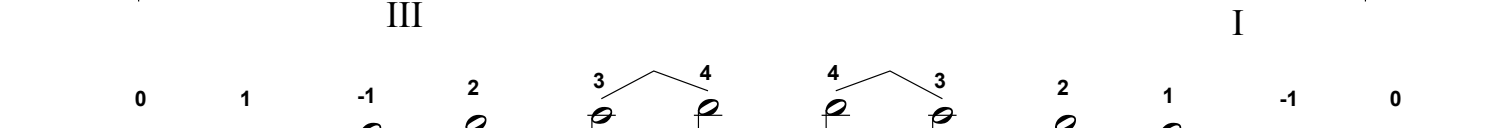
Exercise #3 - Shifting. Written Out on D String Only - to be Played on All Strings

1. 

2. 

3. 

4. 

5. 

Exercise #4 [A.] On Open String (C,G,D,A,E) [B.] Alternate on 2 strings CG,GD,DA,AE)

1.) spiccato

2.) legato

3.) marcato



4.) accents

5.) ties and slurs

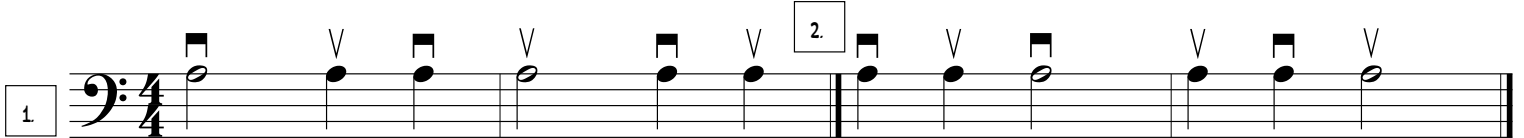
6.) whole note (bow)

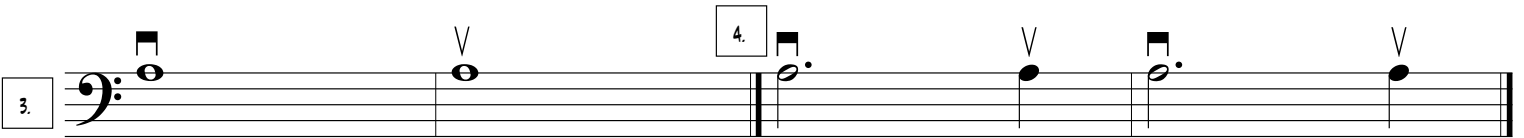


MS Orchestral Warmups

Cello

Exercise #1 - Open Strings (Bow Control) Begin on A String, D, G, C, E

1. 

3. 

Exercise #2 - Finger Patterns (Written Out on D Dtring - to be Played on All Strings)

1. 

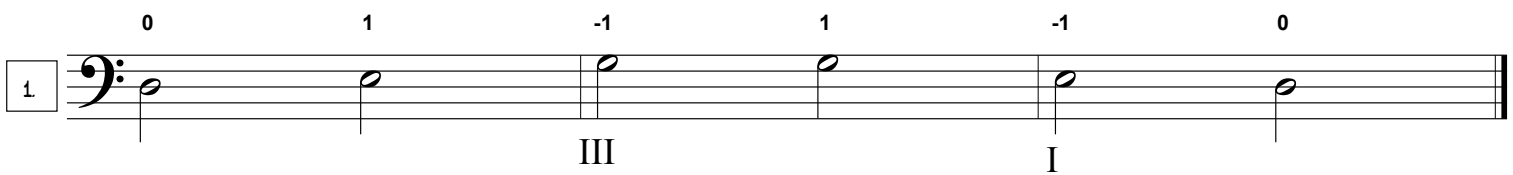
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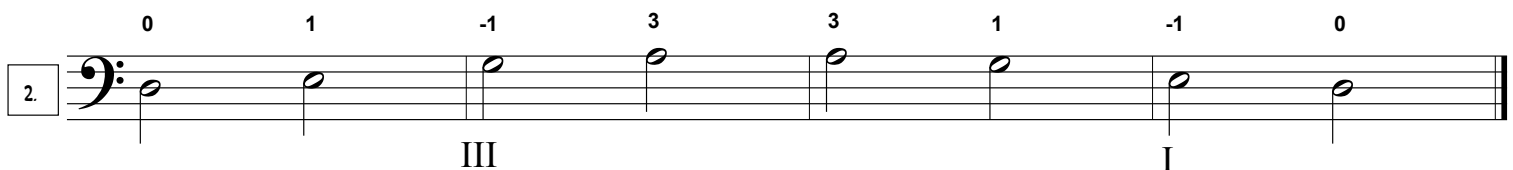
3. 

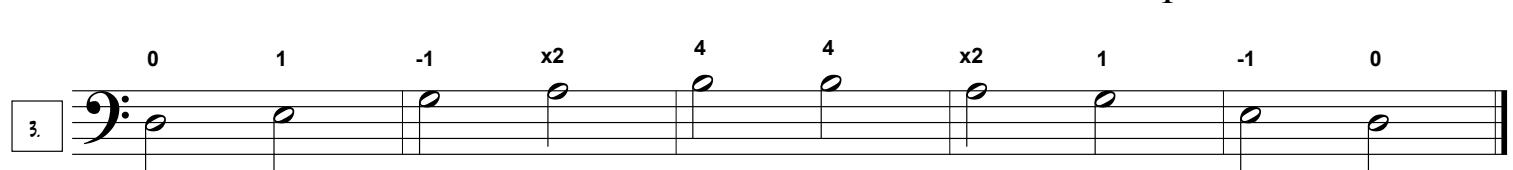
4. 

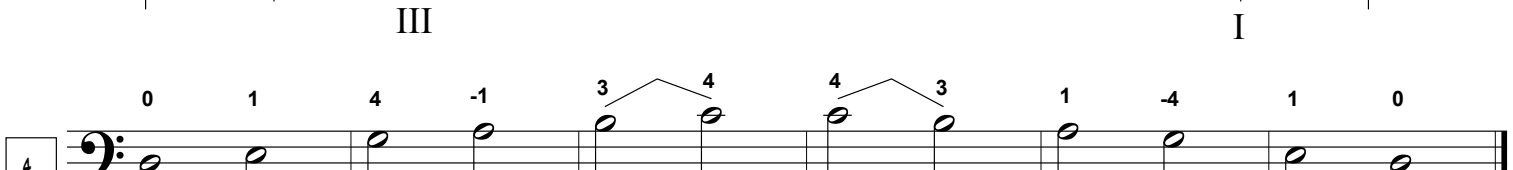
5. 

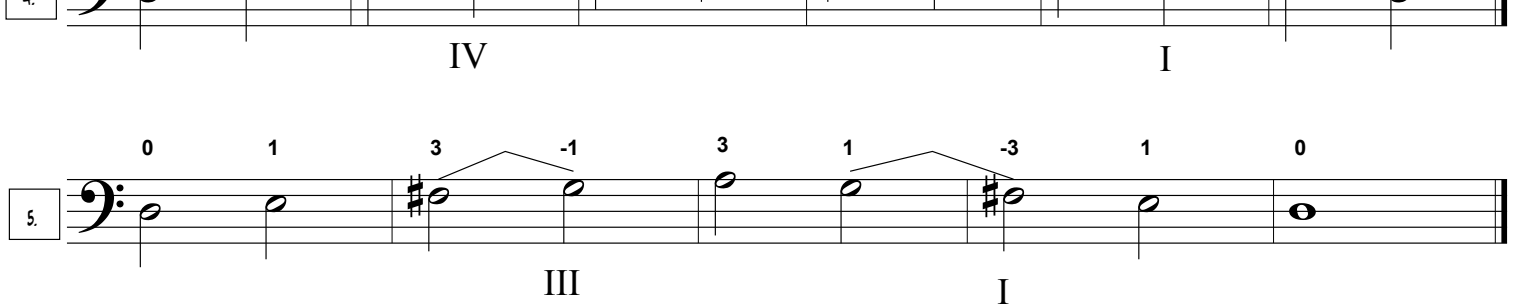
Exercise #3 - Shifting. Written Out on D String Only - to be Played on All Strings

1. 


2. 


3. 

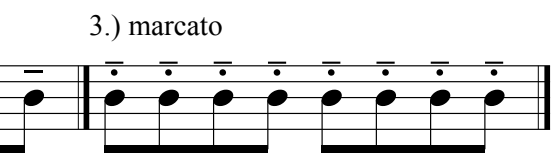
4. 


5. 

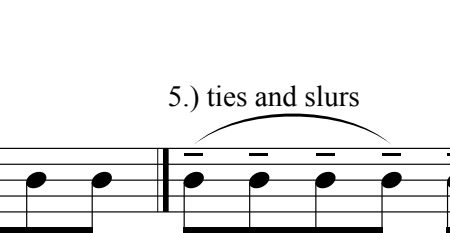
Exercise #4 [A.] On Open String (C,G,D,A,E) [B.] Alternate on 2 strings CG,GD,DA,AE)


1.) spiccato 

2.) legato 

3.) marcato 

4.) accents 

5.) ties and slurs 

6.) whole note (bow) 

MS Orchestral Warmups

Double Bass

Exercise #1 - Open Strings (Bow Control) Begin on A String, D, G, C, E

Exercise #1 consists of two measures of music in 4/4 time, written in bass clef. Measure 1 is marked with a '1' in a box and contains eight quarter notes: A2, D2, G2, C3, E3, A2, D2, G2. Measure 3 is marked with a '3' in a box and contains four quarter notes: A2, D2, G2, C3. Above the notes are bowing marks: 'V' (downbow) above the first, third, fifth, seventh, and eighth notes of measure 1, and above the first, third, and fourth notes of measure 3. A box with the number '2' is placed above the second measure, and a box with the number '4' is placed above the second measure of the second line.

Exercise #2 - Finger Patterns (Written Out on D String - to be Played on All Strings)

Exercise #2 consists of five measures of music in 4/4 time, written in bass clef. Each measure is marked with a number in a box (1, 2, 3, 4, 5) and contains eight notes. Fingerings are indicated by numbers 0, 1, 2, 3, 4, -1, -2, -3, -4 above the notes. Measure 1: 0, 1, 4, -1, 4, 1, -4, 1. Measure 2: 0, 1, 2, -1, 4, 1, -2, 1. Measure 3: 0, 1, 4, -1, 4, 1, -4, 1. Measure 4: 0, 1, 4, -2, 4, 2, -4, 1. Measure 5: 0, 1, 2, -2, 4, 2, -2, 1. Below the notes are fingering patterns: 'III' under measures 1, 2, and 3; 'I' under measures 4 and 5. A '1/2' is written below the first two notes of measure 3.

Exercise #3 - Shifting. Written Out on D String Only - to be Played on All Strings

1. 

2. 

3. 

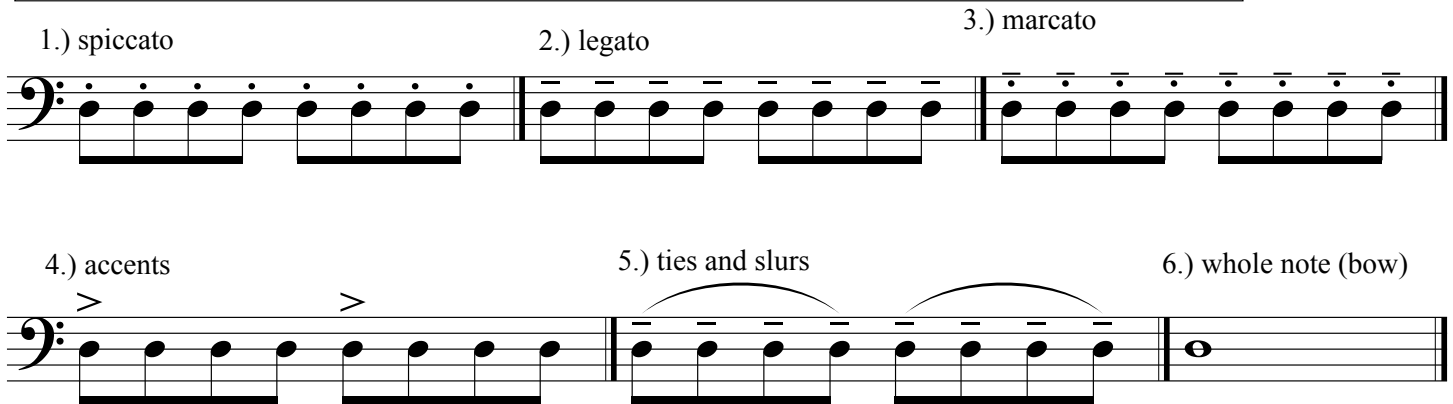
4. 

5. 

Exercise #4 [A.] On Open String (C,G,D,A,E) [B.] Alternate on 2 strings CG,GD,DA,AE)

1.) spiccato 2.) legato 3.) marcato

4.) accents 5.) ties and slurs 6.) whole note (bow)



MS Orchestral Warmups

Score

Exercise #1 - Open Strings (Bow Control) Begin on A String, D, G, C, E

Violin

Viola

Cello

Double Bass

Exercise #2 - Finger Patterns (Written Out on D Dtring - to be Played on All Strings)

Vln.

Vla.

Vc.

D.B.

III

MS Orchestral Warmups

2

2.

0 1 L2 3 4 3 L2 1 0 0

Vln.

0 1 L2 3 4 3 L2 1 0 0

Vla.

0 1 -1 x2 4 x2 1 -1 0 0

Vc.

0 1 2 -1 4 1 -2 1 0 0

D.B.

III I

3.

0 L1 L2 3 4 3 L2 L1 0 0

Vln.

0 L1 L2 3 4 3 L2 L1 0 0

Vla.

0 L1 -1 x2 4 x2 1 -L1 0 0

Vc.

0 1 4 -1 4 1 -4 1 0 0

D.B.

1/2 III 1/2

4.

Vln. 0 1 H2 H3 4 H3 H2 1 0 0

Vla. 0 1 H2 H3 4 H3 H2 1 0 0

Vc. 0 1 -1 3 4 3 1 -1 0 0

D.B. 0 1 4 -2 4 2 -4 1 0 0

III I

5.

Vln. 0 1 L2 H3 4 H3 L2 1 0 0

Vla. 0 1 L2 H3 4 H3 L2 1 0 0

Vc. 0 1 2 -1 2 1 2 -1 0 0

D.B. 0 1 2 -2 4 2 -2 1 0 0

III+ I

Exercise #3 - Shifting. Written Out on D String Only - to be Played on All Strings

1

Vln. 0 1 -1 1 -1 0
III I

Vla. 0 1 -1 1 -1 0
III I

Vc. 0 1 -1 1 -1 0
III I

D.B. 0 1 -1 1 -1 0
III I

2.

Vln. 0 1 -1 2 2 1 -1 0
III I

Vla. 0 1 -1 2 2 1 -1 0
III I

Vc. 0 1 -1 3 3 1 -1 0
III I

D.B. 0 1 -1 4 4 1 -1 0
III I

3.

Vln. 0 1 -1 2 3 3 2 1 -1 0
III III III III I

Vla. 0 1 -1 2 3 3 2 1 -1 0
III III III III I

Vc. 0 1 -1 x2 4 4 x2 1 -1 0
III III III III I

D.B. 0 1 -1 -1 4 4 1 -1 -1 0
III IV III III I

4.

Vln. 0 1 -1 2 3 4 4 3 2 1 -1 0
III III III III I

Vla. 0 1 -1 2 3 4 4 3 2 1 -1 0
III III III III I

Vc. 0 1 4 -1 3 4 4 3 1 -4 1 0
IV IV I I I

D.B. 0 1 -1 4 -2 4 4 2 -4 1 -1 0
III V III III I

MS Orchestral Warmups

6

5.

Musical score for Vln., Vla., Vc., and D.B. with fingerings and bowings. The score is in 4/4 time and consists of six measures. The notes are: Measure 1: G4 (Vln.), G3 (Vla.), G2 (Vc.), G1 (D.B.); Measure 2: A4 (Vln.), A3 (Vla.), A2 (Vc.), A1 (D.B.); Measure 3: B4 (Vln.), B3 (Vla.), B2 (Vc.), B1 (D.B.); Measure 4: C5 (Vln.), C4 (Vla.), C3 (Vc.), C2 (D.B.); Measure 5: B4 (Vln.), B3 (Vla.), B2 (Vc.), B1 (D.B.); Measure 6: A4 (Vln.), A3 (Vla.), A2 (Vc.), A1 (D.B.). Fingerings are indicated by numbers 0-4. Bowings are indicated by Roman numerals III and I.

Exercise #4 [A.] On Open String (C,G,D,A,E) [B.] Alternate on 2 strings CG,GD,DA,AE)

Musical score for Exercise #4 [A.] with articulation markings. The score is in 4/4 time and consists of six measures. The notes are: Measure 1: C4 (Vln.), G3 (Vla.), D2 (Vc.), C1 (D.B.); Measure 2: G4 (Vln.), D3 (Vla.), A2 (Vc.), G1 (D.B.); Measure 3: D4 (Vln.), A3 (Vla.), E2 (Vc.), D1 (D.B.); Measure 4: A4 (Vln.), E3 (Vla.), B2 (Vc.), A1 (D.B.); Measure 5: E4 (Vln.), B3 (Vla.), F#2 (Vc.), E1 (D.B.); Measure 6: C5 (Vln.), F#4 (Vla.), C#3 (Vc.), C2 (D.B.). The exercise is divided into three sections: 1.) spiccato, 2.) legato, and 3.) marcato.

Musical score for Exercise #4 [B.] with articulation markings. The score is in 4/4 time and consists of six measures. The notes are: Measure 1: C4 (Vln.), G3 (Vla.), D2 (Vc.), C1 (D.B.); Measure 2: G4 (Vln.), D3 (Vla.), A2 (Vc.), G1 (D.B.); Measure 3: D4 (Vln.), A3 (Vla.), E2 (Vc.), D1 (D.B.); Measure 4: A4 (Vln.), E3 (Vla.), B2 (Vc.), A1 (D.B.); Measure 5: E4 (Vln.), B3 (Vla.), F#2 (Vc.), E1 (D.B.); Measure 6: C5 (Vln.), F#4 (Vla.), C#3 (Vc.), C2 (D.B.). The exercise is divided into three sections: 4.) accents, 5.) ties and slurs, and 6.) whole note (bow).