# DEMS Tutorial 5th February 2008 SMIL

1. Correct the mistake in the following code?

<seq>  
        <video src="intro\_vid.avi" alt="intro video for SMIL Guide."/>  
        <par>  
          <video src="feature.avi" alt="feature presentation"/>  
          <audio src="effects.mp3" alt="sound effects track"/>  
          <audio src="dialogue.mp3" alt="speech track"/>  
          <audio src="music.mp3" alt="music track"/>  
        </seq>  
      </par>

1. Modify the corrected code from the previous question to make the music track start after the sound effects track finishes.
2. How many times will the phone ring in the following block of code assuming that the WAV is three seconds in length?

<seq repeatCount="3">

<audio src="ring3.wav" alt="a three-second telephone ring" repeatDur="21"/>  
  </seq>

1. Simplify the following block of code by removing any unnecessary elements or attributes:

<par>

<seq id="greetings">

<text id="hello" src="hello\_world.txt" alt="information about my first SMIL presentation" begin="greetings.begin" end="hello.click"/>

<text src="/legal/fbi.txt" alt="FBI copyright warning" begin="hello.end" dur="00:05"/>

</seq>  
      </par>

1. Change the FBI copyright warning from the previous exercise to start five seconds after the hello\_world.txt ends. Hint: you'll need to specify both an event and an offset, using the addition (+) operator. There is more than one correct answer.
2. What's wrong with the following <region>?

<region id="wrong" left="20px" top="10%" width="80px" height="50%" right="140px" bottom="90%"/>

1. Fix the error in the following code?

<head>  
        <topLayout width="3cm" height="5cm" backgroundColor="#000000"/>  
 </head>

1. What is wrong with the following code?

<video src="ads.mpg" alt="a series of ads" dur="01:00">

<area href="http://ad1.com/" begin="00:00" end="00:30"/>

<area href="http://ad2.com/" begin="00:00" end="00:30"/>

</video>

1. Modify each <area> element in the following code to turn the volume of the current presentation off while loading the one in the link?

<video src="noisy.mpg" alt="a very loud and noisy video" dur="10:00">

<area href="quiet.smil" alt="a very quiet SMIL presentation" show="new" begin="00:00" end="05:00" sourceLevel="0%" />

<area href="peaceful.smil" alt="a peaceful lake scene with soothing natural sounds" show="new" begin="05:00" end="10:00" sourceLevel="0%" >

</video>

1. Re-write the following code as valid XML?

<animation src="walk.svg" alt="a man walking his dog" dur="5s" repeatCount="indefinite">

<animate attributeName="width" by="200%" attributeName="height" by="300%" dur="15s"/>

</animation>