Web**Assign**
Lab #2: Vectors and VPython (Homework)

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Current Score : 3 / 3   **Due :** Tuesday, January 24 2012 11:59 PM EST

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1. 3/3 points | Previous Answers

Complete the following VPython statement correctly, so that it will create a red sphere located at < -4, -6, 2 > m with radius = 2 m.

redball = sphere(pos=vector(`-4` ✓ , `-6` ✓ , `2` ✓), radius= `2` ✓ ,color=color.red)

Complete the following VPython statement correctly, so that it will create a yellow arrow with its tail at <18, 2, 2> and its head at <14, -12, 11>.

yellowarrow = arrow(pos=vector(`18` ✓ , `2` ✓ , `2` ✓), axis=vector(`-4` ✓ , `-14` ✓ , `9` ✓), color=color.yellow)

Suppose you have already created two spheres in VPython named "tennisball" and "baseball". Complete the following VPython statement so it will create a blue arrow with its tail at the center of sphere "tennisball" and with its head at the center of sphere "baseball".

ba = arrow(pos=(`tennisball.pos` ⬍ ✓), axis=(`baseball.pos – tennisball.pos` ⬍ ✓), color=color.blue)