

**Python Level 1 with Virtual Robotics
Mission 4 Objective 3 Planning Guide**

Name:

Use this document to help you plan your code for making CodeBot touch the tennis balls.

Beginning Code

What library modules will you import? Write the commands:

What order? Draw a diagram of the 'bot and the tennis balls. Then plan the order CodeBot will touch them.

Starting points:

Write the code needed to move the CodeBot to the first tennis ball:

Write the code needed to move the CodeBot to the second tennis ball:

Write the code needed to move the CodeBot to the third tennis ball:

Write the code needed to move the CodeBot to the fourth tennis ball:

Will you need any other code to meet the 30 second requirement?

Reflection:

After completing the Objective, reflect on your plan and the overall programming experience. Write down your thoughts.

