1. What will this program print?

```python
red = 3
blue = 7
green = red + blue
blue = blue * 10
red = green - 1

print red, blue, green
```

2. What will this program print? (Watch the quotation marks carefully.)

```python
red = "blue"
green = red
orange = "gray"
purple = "green"
yellow = red + orange

print green
print purple
print yellow
print "orange"
```

3. What will this program print?

```python
x = 5
y = 6
z = 7
if x > 1 and z > 2:
    print "apple"
elif y < 10:
    print "banana"
else:
    print "peach"
if x + y < z - 2:
    print "berry"
    print "grape"
elif x < z:
    print "kiwi"
else:
    print "raspberry"
print "plum"
```
4. What will this program print?
   ```python
   num = 64
   while num > 10:
       print num
       num = num / 2
   print "After loop.", num
   ```

5. What will this program print?
   ```python
   result = 0
   for num in range(2, 10, 2):
       print "Next value.", num
       result = result + num
   print "Final value.", result
   ```

6. What will this program print?
   ```python
   numbers = [2, 3, 5, 7, 11, 13]
   places = ["Glassboro", "Pitman", "Clayton", "Woodbury"]
   numbers[2+3] = numbers[0]
   places.append("Wenonah")
town = places.pop(2)
del places[1]

   print town
   print numbers
   print places
   ```

7. What will this program print?
   ```python
   nest = [ [44, 55, 66], [25, 50, 75], [10, 9, 8] ]
   print nest[1][2]
   print nest[2][0]
   print nest[0]
   location = 2
   print nest[0][location]
   print nest[location][location - 1]
   ```