

You can find multiple choice review questions (when they are available) in D2L under:
Assessments->Quizzes

For all questions, unless otherwise specified assume that there are no syntax errors in any programs or program fragments.

Short answer (code tracing):

#What is the output of the following program?

```
a = 1
```

```
b = 2
```

```
def fun ():
```

```
    a = 10
```

```
    b = 20
```

```
def fun1 (a,b,c,d,e):
```

```
    a = a + a
```

```
    b = b + b
```

```
    c = c + c
```

```
    d = ["x","y","z"]
```

```
    e = "bar"
```

```
def fun2 (d,e):
```

```
    d[0] = "X"
```

```
    d[1] = "Y"
```

```
    d[2] = "Z"
```

```
    e = e + "c"
```

```
    return(e)
```

```
def start ():  
    b = 3  
    c = 4  
    d = [10,"a","foo"]  
    e = "cps"  
    print(a,b,c,d,e)  
    fun ()  
    print(a,b)  
    fun1(a,b,c,d,e)  
    print(a,b,c,d,e)  
    fun2(d,e)  
    print(d,e)
```

```
start()
```

write your answer here