

## Python Quiz

1. Write down precisely what would be the output when each of the following program fragments of Python code is executed. If you think that any code fragment would result in an error, explain clearly the cause of the error.

You may assume the code immediately below, to declare variables, has been executed.

```
a="good"
b="morning"
c=5
d=2;
e=2.0
Len=[4, 4, 5]
can=[4, 4, 5]
pram=[4, 4, 5]
pram[0]=2
pram[1]=8
```

i.	<code>print(a+b)</code>	<hr/> <i>goodmorning</i> (TCC) <hr/>
ii.	<code>print((c+d)*c)</code>	<hr/> 35 (TCC) <hr/>
iii.	<code>print(a+c)</code>	<hr/> error (FCC) <hr/>
iv.	<code>print(c/d*10)</code>	<hr/> 25.0 (FCC) <hr/>
v.	<code>print(b*d)</code>	<hr/> <i>morningmorning</i> (FCC) <hr/>
vi.	<code>print(Len == can)</code>	<hr/> true (FCC) <hr/>
vii.	<code>print(pram[0]+pram[2])</code>	<hr/> 7 (TCC) <hr/>

2. What would be the output when the for-loop code is executed.

```
for i in range(2):
    b=i+1
    print(b)
print(b)
```

(FCC)

1  
2  
2

3. What would be the output of the following program after it is executed?

```
n1 = {'name':'Joseph', 'age': 51}
n2 = {'name':'Vic', 'age': 35}
print(n1['age'])
print(n2['age'])
n1=n2
n2['age']=36
print(n1['age'])
print(n2['age'])
```

(ATCC)

51  
35  
36  
36

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4. What would be the output of the following program after it is executed?

```
sum = 0;
i = 0;
while i < 3:
    sum=sum+i
    i += 1
print(sum)
```

(TCC)

3

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5. Consider the following code fragment, what will be printed after executing `print (map(3,4))`?

```
w=2;

def map(g,s):
    w=3
    s = "Morning"
    a=g+3
    can()
    return a;

def can():
    b=3;
    var = "Night"
    print(var)
```

(TCC)

Night  
6

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