

Question Time

```
x = 1
if x>0:
    x = x-2
elif x<0:
    x = x+3
else:
    x = 0
```

What is the value of x?

A. -1 B. 0 C. 1 D. 2 E. None of these

Question Time

```
x = 1
if x > 0:
    x = x - 2
if x < 0:
    x = x + 3
print x
```

What is the output?

- A. 2 B. -1 C. 4 D. None of these

Question Time

```
x = 1
if x==2 or 3 or 4:
    print 'yes'
else:
    print 'no'
```

What is the output?

- A. 'yes'
- B. 'no'
- C. 'The Denver Broncos'
- D. An error message

Question Time

```
x = 'EWNNES'  
n = len(x)  
if x[n-1:n]== 'ES' :  
    print 'South East'  
elif x[n-2:n-1]== 'NE' :  
    print 'North East'  
else:  
    print x[n/2]
```

- Output?
- (A) South East
 - (B) North East
 - (C) An error message is printed
 - (D) None of these

Question Time

```
def f(x):  
    z = 2*x;  
    y = z+1;  
    return y  
if __name__ == '__main__':  
    z = 10;  
    x = f(4)  
    print z,x
```

What is the output?

- A. 10 4 B. 10 9 C. 8 4 D. 8 9

Question Time

```
def f(x):  
    y = 2*x  
    print y  
  
if __name__ == '__main__':  
    f(4)  
    z = f(4)  
    print z
```

What is the output:

- | | | | | |
|----|---|------|------|------|
| A: | 8 | B: 8 | C: 8 | D: 8 |
| | 8 | 8 | None | |
| | | None | 8 | |

Question Time


```
>>> s1 = raw_input('First String: ')
>>> n1 = s1.count('ab')
>>> s2 = raw_input('Next String: ')
>>> n2 = s2.count('ab')
>>> s = s1 + s2
>>> B = n1+n2 == s.count('ab')
```

What can you say about the value of B?

- A. Always True
- B. Always False
- C. Can be either True or False

Question Time

```
>>> s = 'abcabcabc'  
>>> s.find('ca')  
2  
>>> n = s.find('bc')+s.find('bc')  
>>> print n
```



What is the green box?


A. 2

B. 4

C. 7

Question Time

```
>>> s = 'abcdef'
>>> s.replace('bc', 'xx')
'axxdef'
>>> u = s.replace('de', 'yy')
>>> print u
```



What is the green box?

- A. 'axxdef' B. 'abcyyf' C. 'axxyyf'

Question Time

```
s = '12345'  
t = 'x'  
for c in s:  
    t = t+t  
print len(t)
```

Output?

- A. 10 B. 15 C. 32 D. None of These

Question Time

```
T = ''
S = 'abcabcabc'
for c in S:
    if T.count(c)==0:
        T = T + c
print T
```

Output?

- A. 'ccc' B. 'abc' C. 'cba'
D. None of These

Question Time

```
def Look(s):  
    for c in s:  
        if c=='x':  
            return False  
    return True  
if __name__=='__main__':  
    print Look('wxyz')
```

Output?

A. True B. False C. None of These

Question Time

```
n = 4
s = 0
for k in range(n):
    s = s + k**2
x = float(s/n)
```

What value is assigned to x?

- A. 7.5 B. 3.5 C. 3.0 D. 7.0
E. None of These

Question Time

```
s = 'abcd'
T = '' #Empty string
M = len(s)-1
for k in range(m):
    U = s[k:k+2]
    T = U + T
print T
```

Output?

- A. dcb 2 B cdbcab C. abcabcd
D. None of these

What is the Output?

```
def f1(x,y):  
    z = x+2*y  
    print z  
  
if __name__ == '__main__':  
    z = 3  
    f1(z,z)  
    print z
```

Did you get the right
answer?

A. Yes

B. No

The Players

```
def f1(x, y):  
    z = x+2*y  
    print z  
  
if __name__ == '__main__':  
    z = 3  
    f1(z, z)  
    print z
```

x and **y** are parameters

z is a local variable

z is a global variable

The Players

```
def f1(u, v):  
    w = u+2*v  
    print w  
  
if __name__ == '__main__':  
    z = 3  
    f1(z, z)  
    print z
```

u and **v** are parameters

w is a local variable

z is a global variable

What is the Output?

```
def f2(x,y):  
    z = x+2*y  
    return y  
  
if __name__ == '__main__':  
    x = 10  
    z = 7  
    y = f2(z,x)  
    print z,y
```

Did you get the right
answer?

A. Yes

B. No

What is the Output?

```
def f3(x,y):  
    z = x+2*y  
    return z  
  
if __name__ == '__main__':  
    x = 10  
    z = 7  
    y = f3(z,x)  
    print z,y
```

Did you get the right
answer?

A. Yes

B. No

Question Time

```
x = 0; k = 3; y = k
while k >= 1:
    k = k-1
    x = x + k
print x,y,k
```

What is the output

A. 6 3 3
These

B. 6 3 0

C. None of

Question Time

```
x = 1
while x<=8 or x%2==0
    x = x+3
    print x
print y
```

How many lines of output?

- A. 4 B. 5 C. 6 D. None of these

What is the Output?

```
def F1(x,y):  
    z = x + 2*y  
    return z  
  
def F2(x,y,z):  
    u = F1(y,x)  
    v = F1(y,z)  
    y = u+v  
    return y  
  
if __name__ == '__main__':  
    x = 1  
    y = 3  
    z = 5  
    x = F2(y,z,x)  
    print x
```

Did you get the right
answer?

A. Yes

B. No