

CMPT 120

quiz1

Summer 2012

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Which of the following correctly finds the average of 10 numbers

■ A

```
sum1 = 0
for i in range(10):
    num = int(raw_input("enter number"))
    sum1 = int(sum1) + int(num);
final = float(sum1)/10
print final
```

■ B

```
sum1 = 0
num = int(raw_input("enter number"))
for i in range(10):
    sum1 = int(sum1) + int(num);
final = float(sum1)/10
print final
```

■ C

```
sum1 = 0
for i in range(10):
    num = int(raw_input("enter number"))
    sum1 = int(sum1) + int(num);
Final = float(sum1)/10
print final
```

■ D

```
sum1 = 0
for i in range(10):
    num = int(raw_input("enter number"))
    sum1 = int(sum1) + int(num);
final = float(sum1)/10
print final
```

Which if statement is correct

■ A

```
if x=2
    print "x has value 2"
else
    print "x has value 2"
```

■ B

```
if x==2:
    print "x has value 2"
else:
    print "x has value 2"
```

■ C

```
if x==2:
    print x has value 2
else:
    print x has value 2
```

```
if x=2:
    print "x has value 2"
else:
    "print x has value 2"
```

- What is the result of the following calculation. Both values have unsigned binary values

- $1011001 + 1001001$

- A: 10011000
 - B: 11000110
 - C: 10100010
 - D: 10101010

Which of the following functions returns True if the number is even and False if the number is odd

■ A:

```
def even(num):  
    if int(num)/2==float(num)/2:  
        return True  
    else:  
        return False
```

■ B

```
def even(num):  
    if int(num)/2==float(num)/2:  
        print "True"  
    else:  
        print "False"
```

■ C:

```
def even(num):  
    if num%2==0:  
        return True  
    else:  
        return False
```

■ D:

```
def even(num):  
    if num%2==0:  
        print "True"  
    else:  
        print "False"
```