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## ASSIGNMENT:16

### QUESTIONS BASED ON CHAPTER - FUNCTIONS

Q 1. Find error in the following code(if any) and correct code by rewriting code and underline the correction;-

```
x= int("Enter value of x:")
for in range [0,10]:
    if x=y
        print( x+y)
    else:
        Print( x-y)
```

Q 2. Rewrite the following program after finding and correcting syntactical errors and underlining it.

```
a,b = 0
if (a = b)
a +b = c
print( z)
```

Q 3. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
250 = Number
WHILE Number<=1000:
    if Number=>750
        print (Number)
    Number=Number+100
else
print( Number*2)
    Number=Number+50
```

Q 4. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
Val = int(rawinput("Value:"))
Adder = 0
for C in range(1,Val,3)
    Adder+=C
    if C%2=0:
        Print (C*10)
    Else:
        print (C*)
print (Adder)
```

Q5. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
25=Val
for I in the range(0,Val)
    if I%2==0:
        print( I+1)
    Else:
```

```
print (l-1
```

Q6. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
STRING=""WELCOME
NOTE""
for S in range[0,8]:
    print (STRING(S))
```

Q 7. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
a=int(input("ENTER FIRST NUMBER"))
b=int(input("ENTER SECOND NUMBER"))
c=int(input("ENTER THIRD NUMBER"))
if a>b and a>c
    print("A IS GREATER")
if b>a and b>c:
    Print(" B IS GREATER")
if c>a and c>b:
    print(C IS GREATER)
```

Q 8. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
i=1
a=int(input("ENTER FIRST NUMBER"))
FOR i in range[1,11];
    print(a,"*=",i,"=",a*i)
```

Q. 9 Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
a="1"
while a>=10:
    print("Value of a=",a)
    a+=1
```

Q 10. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
Num=int(rawinput("Number:"))
sum=0
for i in range(10,Num,3)
    Sum+=1
    if i%2=0:
        print(i*2)
    Else:
        print(i*3 print Sum)
```

Q 11. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
weather='raining'
if weather='sunny':
    print("wear sunblock")
elif weather='snow':
    print("going skiing")
```

else:

```
print(weather)
```

Q 12. Write the modules that will be required to be imported to execute the following code in Python.

```
def main( ):
```

```
    for i in range (len(string)) ):
```

```
        if string [i] == " "
```

```
            print
```

```
        else:
```

```
            c=string[i].upper()
```

```
            print( "string is:",c)
```

```
print ("String length=",len(math.floor()))
```

Q.13. Observe the following Python code very carefully and rewrite it after removing all syntactical errors with each correction underlined.

```
DEF execmain():
```

```
x = input("Enter a number:")
```

```
if (abs(x)=x):
```

```
    print ("You entered a positive number")
```

```
else:
```

```
x=-* -1
```

```
    print "Number made positive:"x
```

```
execmain()
```

Q 14.- Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code

```
x=integer(input('Enter 1 or 10'))
```

```
if x==1:
```

```
for x in range(1,11)
```

```
    Print(x)
```

```
Else:
```

```
    for x in range(10,0,-1):
```

```
        print(x)
```

15.Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
30=To
```

```
for K in range(0,To) IF k%4==0:
```

```
print (K*4) Else:
```

```
print (K+3)
```

### **NOTE:**

1. Read the questions carefully.
2. Write the answers in notebook.

**N.B: THIS SHEET IS PREPARED FROM HOME.**