

BRAIN INTERNATIONAL SCHOOL

Computer Science Assignment

Class: XII

June'21

CH-2.Functions

1 Function name must be followed by _____

2 _____ keyword is used to define a function

3 Function will perform its action only when it is _____

4 **Write statement to call the function.**

```
def Add():  
    X = 10 + 20  
    print(X)  
    _____ #statement to call the above function
```

5 **Write statement to call the function.**

```
def Add(X, Y):  
    Z = X+Y  
    print(Z)  
    _____ #statement to call the above function
```

6 **Write statement to call the function.**

```
def Add(X, Y):  
    Z = X+Y  
    return Z  
    _____ #statement to call the above function  
print("Total =", C)
```

7 **Which Line Number Code will never execute?**

```
def Check(num):  
    num%2==0: #Line 1 if  
        print("Hello") #Line 2  
        return True #Line 3  
        print("Bye") #Line 4  
    else: #Line 5  
        return False #Line 6  
C = Check(20) #Line 7  
print(C)
```

8 **What will be the output of following code?**

```
def Cube(n):  
    print(n*n*n)
```

```
Cube(n) # n is 10 here  
print(Cube(n))
```

9 What are the different types of actual arguments in function? Give example of any one of them.

10 **What will be the output of following code:**

```
def Alter(x, y = 10, z=20):  
    sum=x+y+z print(sum)  
  
Alter(10,20,30)  
Alter(20,30) Alter(100)
```

11 Ravi a python programmer is working on a project, for some requirement, he has to define a function with name CalculateInterest(), he defined it as:

```
def CalculateInterest(Principal,Rate=.06,Time): # code
```

But this code is not working, Can you help Ravi to identify the error in the above function and what is the solution.

12 **Call the given function using KEYWORD ARGUMENT with values 100 and 200**

```
def Swap(num1,num2): num1,num2=num2,num1  
    print(num1,num2)
```

```
Swap(_____,_____)
```

13 **Which line number of code(s) will not work and why?**

```
def Interest(P,R,T=7): I=  
    (P*R*T)/100  
    print(I)
```

```
Interest(20000,.08,15) #Line 1  
Interest(T=10,20000,.075) #Line 2  
Interest(50000,.07) #Line 3  
Interest(P=10000,R=.06,Time=8) #Line 4  
Interest(80000,T=10) #Line 5
```

14 **What will be the output of following code?**

```
def Calculate(A,B,C):  
    return A*2, B*2, C*2  
  
val = Calculate(10,12,14)  
print(type(val))  
print(val)
```

15 **What will be the output of following code?**

```
def check():  
    num=50  
    print(num)
```

```
num=100  
print(num)  
check()  
print(num)
```

16 **What will be the output of following code?**

```
def check():  
global num num=1000 print(num)  
num=100 print(num) check() print(num)
```

