



INDIAN SCHOOL AL WADI AL KABIR

Worksheet, 2025-26

Class: XII Comp. Sci.	Department: Computer Science	Complete it by 21.04.25
Worksheet No: 2	Topic: Functions	Note: To be solved in the notebook

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: print("Hello") return True print("Bye") else: return False C=Check(20) print(C)

8	<p>What will be the output of following code?</p> <pre>def Cube(n): print(n*n*n) Cube(n) # n is 10 here print(Cube(n))</pre>
9	<p>What will be the output?</p> <pre>def add(i): if(i*3%2==0): i*=i else: i*=4 return i a=add(10) print(a)</pre>
10	<p>What will be the output?</p> <pre>def fun1(x, y): x = x + y y = x - y x = x - y print('a=',x) print('b=',y) a = 5 b = 3 fun1(a,b)</pre>
11	<p>What will be the output?</p> <pre>def div5(n): if n%5==0: return n*5 else: return n+5 def output(m=5): for i in range(0,m): print(div5(i),'@',end=" ") print('\n') output(7) output() output(3)</pre>
12	<p>What will be the output?</p> <pre>def func(b): global x print('Global x=', x)</pre>

	<pre> y = x + b x = 7 z = x - b print('Local x = ',x) print('y = ',y) print('z = ',z) x=5 func(10) </pre>
13.	<p>What will be the output?</p> <pre> def func(x,y=100): temp = x + y x += temp if(y!=200): print(temp,x,x) a=20 b=10 func(b) print(a,b) func(a,b) print(a,b) </pre>
14	<p>Write a function, Words(S), that takes a string as an argument and returns a list containing words of the string that has consonants.</p>
15	<p>Write the definition of a function Reverse (x) in Python, to display the elements in reverse order such that each displayed element is the twice of the original element (element *2) of the List x in the following manner: Example : If List x contains 7 integers is as follows: 4 8 7 5 6 2 10 After executing the function, the array content should be displayed as follows: 20 4 12 10 14 16 8</p>
16	<p>Write a user-defined function find-name (name), where name is an argument in Python to capital of the country from a dictionary country-name on the basis of the country name, where name is the key.</p>