

ASSIGNMENT -2
Computer Science (083)
FUNCTIONS

Write the output of the following:

<p>1. <code>def fun1():</code> <code>print("Statement 1..Function 1..")</code> <code>print("Statement 2..Function1...")</code> <code>def fun2():</code> <code>print("Statement 1..Function2 ...")</code> <code>print("Statement 2..Function 2...")</code> <code>print("Statement 1...")</code> <code>func1()</code> <code>func2()</code></p>	<p>2. <code>def fun1():</code> <code>print("Statement 1..Function 1..")</code> <code>print("Statement 2..Function1...")</code> <code>def fun2():</code> <code>func1()</code> <code>print("Statement 1..Function2 ...")</code> <code>print("Statement 2..Function 2...")</code> <code>print("Statement 1..."m,...</code> <code>func2() ..</code></p>
<p>3. <code>def fun1():</code> <code>print("Statement 1..Function 1..")</code> <code>print("Statement 2..Function1...")</code> <code>def fun2():</code> <code>print("Statement 1..Function2 ...")</code> <code>fun1()</code> <code>print("Statement 2..Function 2...")</code> <code>print("Statement 1...")</code> <code>fun2()</code></p>	<p>4. <code>def sayHello():</code> <code>print('Hello World!')</code> <code>sayHello()</code> <code>sayHello()</code> 5. <code>def Wish():</code> <code>print("Good Morning....")</code> <code>print("-----")</code></p>
<p><code>def greet():</code> <code>print("Greetings...all of u...")</code> <code>Wish()</code> <code>print("Complete")</code> <code>def end():</code> <code>greet()</code> <code>print("Good bye..")</code> <code>greet()</code></p>	<p><code>def Wish():</code> <code>print("Good Morning....")</code> <code>print("-----")</code> <code>def greet():</code> <code>print("Greetings...all of u...")</code> <code>Wish()</code> <code>print("Complete")</code> <code>def end():</code> <code>greet()</code> <code>print("Good bye..")</code> <code>end()</code> <code>print("*****")</code></p>
<p><code>def show(s):</code> <code>l=s.split('a')</code> for i in l: if len(i)>5: <code>print(i, " : ",len(i))</code> <code>s="I LoVe My INdiA"</code> <code>show(s)</code></p>	<p><code>def show(s):</code> <code>r=""</code> <code>size=len(s)</code> for i in range(size): if i%2==0: <code>r=r+s[i].upper()</code> else: <code>r=r+s[i]</code> return r <code>s="Ali Baba . com 2002"</code> <code>print(show(s))</code></p>

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<pre>def show(poet): a=len(poet) r="" for i in range(a): if poet[i].islower(): r+=poet[i-1] elif poet[i].isupper(): if poet[i]=='S': r+='X'; elif(poet[i]=='E'): r+=poet[i-1].upper() else: r+=chr(ord(poet[i])-1) return r poet= "SakESpHerE" ; print(show(poet))</pre>	<pre>a = 10 print(a*3) def fun(): print(a) fun() print(a)</pre> <hr/> <pre>a = 10 print(a*3) def fun(a): print(a*2) fun(a) print(a)</pre>
<pre>a = 10 print(a*3) def fun1(a): def fun2(): print("hello") print(a*2) fun2() fun1(a) print(a)</pre>	<pre>a = 10 print(a*3) def fun1(a): def fun2(): print("hello") print("hello") print(a*2) fun2() fun1(a) print(a)</pre>
<pre>a = 10 print(a*3) def fun1(a): def fun2(): print("hello") print("hello") print(a*2) fun2() print("hello") print("hello") fun1(a) print(a)</pre>	<pre>a = 10 def fun(): a=9 a=a+2 print(a) fun()</pre> <hr/> <pre>a = 10 def fun(): a=9 a=a+2 print(a) fun() print(a)</pre>

Q1 Write the definition of a function Alter(A, N) in python, which should change all the multiples of 5 in the list to 5 and rest of the elements as 0.

Q2 Write a function CHANGE0 ,which accepts an list of integer and its size as parameters and divide all those list elements by 7 which are divisible by 7 and multiply list elements by 3.