



RAM

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```
# Predict the output for the following
print(0.1+0.2)
print("1.8"+"2")
print(87>78)
print((0.1+0.2)==0.3)
print("Predict " "Output" , ".....")
```



```
0.30000000000000004
1.82
True
False
Predict Output .....
```



12:34

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```
#2.predict the output for
print("Prints","multiple ","messages\n")
print("Concatenate "+" two strings\n")
print(5+6+" adds two numbers\n")
```

```
Prints multiple  messages
Concatenate  two strings
```

```
-----
TypeError                                Traceback (most recent call last)
<ipython-input-10-b137fa711409> in <module>()
      2 print("Prints","multiple ","messages\n")
      3 print("Concatenate "+" two strings\n")
----> 4 print(5+6+" adds two numbers\n")
```

TypeError: unsupported operand type(s) for +: 'int' and 'str'



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#3. Correct the code

```
print("ba"+"na"*2)  
print(r"c:\naresh\raju\abhi")
```



banana

c:\naresh\raju\abhi





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#4. Correct the code

'Welcome to python traing program'[-4:-33]

[ ]&gt; 'g anytoW'

[16] print("substring -- " + 'A series of cha

[ ]&gt; substring -- ssc



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```
#5.predict the output and justify the result
print('A series of characters designated as one object know as a string'[::-1][4::3])
#At first,it reverse the string and starts orinting from index 4 with step size of 3
print("-----")
#it prints string enclosed by double quotes
print("Welcome to python traning program"[3:10][::-1])
#At first ,it executes from index 3 to 10 and then it reverse it
```

```
taao eonsdaidrca is
-----
ot emoc
```

[ ]

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```
#6.a.predict the output and justify the result
str1=True
x=5>3
print(str1==x)
y=5>8
print(str1==y)
#true is stored in str1 variable.
#For variable x,we used assignment operator so we get output either true/false based on condi
#Same with the variable y also.
#if str1 isequal to variable x or y,it prints output as true otherwise,it gives false as outp
```

True  
False

[ ]

1:35

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```
#6.b
num=7
Name="Michael Jackson"
sear_num=Name.find('el')
print(num>sear_num)
#7 is stored in num.sear_num has the value is equal to index value of e
#if num is greater than sear_num it prints true
```

True

[ ]

[ ]

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#7.write a code to get desired output  
`print('p_phrase="was it a car or a cat i saw"'.upper()[-2:9:-1])`

WAS I TAC A RO RAC A TI SAW

[51] #8.write a code to get integer value 946  
`print('1934567'[1::2])`

946

[58] #9.writ a code to get desired output  
`fake_phrase="Fake news has a knack for spreading like wildfire".upper()  
Name=fake_phrase[-9:14:-1]  
Name.split()`

['EKIL', 'GNIDERPS', 'ROF', 'KCANK']



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```
#10.write a code to get desired output
[61] msg1="Facebook already uses AI to Filter Fake stories from the feeds of users".split()
      Output=msg1
      print(Output)
```

```
['Facebook', 'already', 'uses', 'AI', 'to', 'Filter', 'Fake', 'stories', 'from', 'the']
```

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```
#11.predict the output and justify the result
msg2 = "welcome to sr engineering college"
x=msg2.count('o')
y=msg2.count('r')
#x=3(o repeated 3 times in a string),y=2(r repeated 2 times in a string)
msg2[y**x:(x**y+x+y):][::-1]
#At first ,it starts execution from index 8 to 14 and it reverse it
```

```
[' rs ot']
```

2:13

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```
[70] #12.a.predict the output and justify the result
      num1,num2="94","30"
      data="As per census 2011,gender ratio of india is 943 females per 1000 males"
      num1+num2[0] in data
      #num1=94 and num2[0]=3
      #num1+num2[0]=943 .943 is present in string so it gives output as true
```

True

```
#12.b.
print(data[:45],print(int(num1)+int(num2)))
#int(Num1)+int(num2)=94+30=124
#it starts printing string from index 0 to 45
```

124

As per census 2011,gender ratio of india is 9 None



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```
[75] #13.develop program that calculates energy
m=int(input("Enter weight of water in kg")
a=int(input("Enter intial temperature"))
b=int(input("Enter final temperature"))
Q=m*(b-a)*4184
print(Q)
```

```
Enter weight of water in kg2
Enter intial temperature23
Enter final temperature45
184096
```



```
#14.print ZZ00 AND ZZZZ0000000000
x=int(input("enter x "))
y=2*x
print("Z"*x+"0"*y)
```



```
enter x 5
ZZZZZ000000000000
```



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[ / 0 ]

enter x 5



ZZZZZ000000000000



#15.print output

x=int(input("enter value for x"))

y=int(input("enter value for y"))

pow=x\*\*y

div=pow//(x\*y)

out=div^(x+y)

print(pow)

print(div)

print(out)



enter value for x3

enter value for y2

9

1

4

