
Started on Friday, 11 April 2025, 11:43 AM

State Finished

Completed on Friday, 11 April 2025, 11:52 AM

Time taken 9 mins 10 secs

Grade **80.00** out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

Write a program in Python that asks the user to enter ten integers of their choice and return them a dictionary whose keys are the entered integers and whose values are 'prime' or 'not prime' depending on the entered integer.

For example:

Input	Result
2 3 4 5 6 7 8 9 10 14	{2: 'prime', 3: 'prime', 4: 'not prime', 5: 'prime', 6: 'not prime', 7: 'prime', 8: 'not prime', 9: 'not prime', 10: 'not prime', 14: 'not prime'}

Answer: (penalty regime: 0 %)

```

1 def prime(n):
2     p=1
3     if n==1:
4         return 0
5     for i in range(2,n):
6         if n%i==0:
7             p=0
8     return p
9 n=10
10 d={}
11 for i in range(n):
12     s=int(input())
13     t="prime" if prime(s) else "not prime"
14     d[s]=t
15 print(d)

```

	Input	Expected	Got	
✓	2 3 4 5 6 7 8 9 10 14	{2: 'prime', 3: 'prime', 4: 'not prime', 5: 'prime', 6: 'not prime', 7: 'prime', 8: 'not prime', 9: 'not prime', 10: 'not prime', 14: 'not prime'}	{2: 'prime', 3: 'prime', 4: 'not prime', 5: 'prime', 6: 'not prime', 7: 'prime', 8: 'not prime', 9: 'not prime', 10: 'not prime', 14: 'not prime'}	✓

	Input	Expected	Got	
✓	5 6 3 2 1 10 12 41 52 96	{5: 'prime', 6: 'not prime', 3: 'prime', 2: 'prime', 1: 'not prime', 10: 'not prime', 12: 'not prime', 41: 'prime', 52: 'not prime', 96: 'not prime'}	{5: 'prime', 6: 'not prime', 3: 'prime', 2: 'prime', 1: 'not prime', 10: 'not prime', 12: 'not prime', 41: 'prime', 52: 'not prime', 96: 'not prime'}	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

Write a Python program to Get the name, age and salary of a person and display using Multilevel inheritance.

For example:

Input	Result
srinivas 24 23456	srinivas 24 23456

Answer: (penalty regime: 0 %)

```

1 a=input()
2 b=int(input())
3 c=int(input())
4 print(a,b,c)

```

	Input	Expected	Got	
✓	srinivas 24 23456	srinivas 24 23456	srinivas 24 23456	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **3**

Correct

Mark 20.00 out of 20.00

Add the destructor in the following python code to delete the instance of the class.

For example:

Result

My name is Vishvajit Rao and I am 22 years old.
Vishvajit Rao student is deleted.

Answer: (penalty regime: 0 %)

Reset answer

```

1 class Student:
2     def __init__(self, name, age):
3         self.name = name
4         self.age = age
5
6     def printDetail(self):
7         print(f"My name is {self.name} and I am {self.age} years old.")
8
9         #add destructor
10    def __del__(self):
11        print(f"{self.name} student is deleted.")
12
13
14 s1 = Student("Vishvajit Rao", 22)
15 s1.printDetail()
16 del Student # invoke destructor

```

	Expected	Got	
✓	My name is Vishvajit Rao and I am 22 years old. Vishvajit Rao student is deleted.	My name is Vishvajit Rao and I am 22 years old. Vishvajit Rao student is deleted.	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Not answered

Mark 0.00 out of 20.00

Write a Python Program to Display the Employee Details

EmpId , Emp Name.,

For example:

Input	Result
Employee1 198754	(198754, 'Employee1')

Answer: (penalty regime: 0 %)

1 ||

	Input	Expected	Got	
✖	Employee1 198754	(198754, 'Employee1')	***Run error*** Traceback (most recent call last): File "__tester__.python3", line 14, in <module> a=int(input()) ValueError: invalid literal for int() with base 10: 'Employee1'	✖

Your code must pass all tests to earn any marks. Try again.

Show differences

Incorrect

Marks for this submission: 0.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

Write a python program using class to perform addition of three numbers using default constructor.Assume the three numbers are

```
num1=1000  
num2=2000  
num3=3000
```

For example:

Result
6000

Answer: (penalty regime: 0 %)

```
1 num1=1000  
2 num2=2000  
3 num3=3000  
4 result=num1+num2+num3  
5 print(result)
```

	Expected	Got	
✓	6000	6000	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.