

[Dashboard](#) / My courses / [ML and DA](#) / [VIRTUAL PROGRAMMING - PYTHON](#)

/ [Write a Python Program to display Armstrong Series](#)

Started on Tuesday, 14 December 2021, 2:37 PM

State Finished

Completed on Tuesday, 14 December 2021, 10:05 PM

Time taken 7 hours 27 mins

Marks 1.00/1.00

Grade **10.00** out of 10.00 (**100%**)

Question 1

Correct

Mark 1.00 out of 1.00

Read the range of Values.

Input : 100 and 1000

Output : 153, 370, 371, 407

Input : 1000 to 9999

Output : 1634, 8208 and 9474 .

For example:

Test	Input	Result
T1	100 1000	Armstrong Series : 153 370 371 407 Completed

Answer: (penalty regime: 0 %)

```

1 T1=int(input())
2 T2=int(input())
3 print("Armstrong Series :")
4 for num in range(T1,T2+1):
5     order=len(str(num))
6     sum=0
7     temp=num
8     while(temp>0):
9         digit=temp%10
10        sum=sum+digit**order
11        temp//=10
12    if(num==sum):
13        print(num)
14 print("Completed")

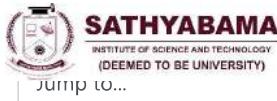
```

	Test	Input	Expected	Got	
✓	T1	100 1000	Armstrong Series : 153 370 371 407 Completed	Armstrong Series : 153 370 371 407 Completed	✓
✓	T2	1000 9999	Armstrong Series : 1634 8208 9474 Completed	Armstrong Series : 1634 8208 9474 Completed	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING - PYTHON / Count the special characters, alphabets, digits, lowercase and uppercase characters.

Started on Friday, 17 December 2021, 2:22 PM

State Finished

Completed on Friday, 17 December 2021, 3:39 PM

Time taken 1 hour 16 mins

Marks 3.00/3.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

From the given string input, count the special characters, alphabets, digits, lowercase and uppercase characters.

Input: Sathyabama 2019 @

Output: Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1

Answer: (penalty regime: 0 %)

```
1 import sys
2 strr = sys.stdin.readline()
3 string = str(strr)
```

Quiz navigation

1 2 3

Finish review



Type here to search



84°F ENG 17-12-2021 15:39

Mohnish Devaraj



Output: Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1

Flag question

Answer: (penalty regime: 0 %)

```
1 import sys
2 strr = sys.stdin.readline()
3 string = str(strr)
4 tot_char = len(string)
5 if tot_char == 0:
6     print(" ")
7 else:
8     all_digits = ['0','1','2','3','4','5','6','7','8','9']
9     all_low = ['a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v',
10    all_up = ['A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V'
11    sp = [' ']
12    tot_dig = 0
13    tot_sp = 0
14    tot_low = 0
15    tot_up = 0
16    for s in string:
17        if s in all_digits:
18            tot_dig += 1
19        elif s in all_low:
20            tot_low += 1
21        elif s in all_up:
22
```

Test	Input	Expected	Got	
✓ Case1	Sathyabama_2019 @	Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1	Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1	✓



Type here to search



84°F ENG 15:39 17-12-2021

Mohnish Devaraj



Output: Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1

Flag question

Answer: (penalty regime: 0 %)

```
10 all_low = ['A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V']
11 sp = []
12 tot_dig = 0
13 tot_sp = 0
14 tot_low = 0
15 tot_up = 0
16 for s in string:
17     if s in all_digits:
18         tot_dig += 1
19     elif s in all_low:
20         tot_low += 1
21     elif s in all_up:
22         tot_up += 1
23     elif s in sp:
24         tot_sp += 1
25 tot_alp = tot_low + tot_up
26 tot_spc = tot_char - tot_alp - tot_dig - tot_sp - 1
27 print("Digits:",tot_dig,"Alphabets:",tot_alp,"Special Characters:",tot_spc,"Lowercase:",tot_low,"Uppercase:",tot_up)
28 Case1 = 0
29 Case2 = 0
30 Case3 = 0
```

Test	Input	Expected	Got	
✓ Case1	Sathyabama_2019 @	Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1	Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1	✓



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```
21+         elif s in all_up:
22             tot_up += 1
23+         elif s in sp:
24             tot_sp += 1
25     tot_alp = tot_low + tot_up
26     tot_spc = tot_char - tot_alp - tot_dig - tot_sp - 1
27     print("Digits:",tot_dig,"\\nAlphabets:",tot_alp,"\\nSpecial Characters:",tot_spc,"\\nLowercase:",tot_low,"\\nUppercase:",tot_up)
28 Case1 = 0
29 Case2 = 0
30 Case3 = 0
```

Test	Input	Expected	Got	
✓ Case1	Sathyabama 2019	Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1	Digits: 4 Alphabets: 10 Special Characters: 1 Lowercase: 9 Uppercase: 1	✓
✓ Case2	Python Version 3	Digits: 1 Alphabets: 13 Special Characters: 0 Lowercase: 11 Uppercase: 2	Digits: 1 Alphabets: 13 Special Characters: 0 Lowercase: 11 Uppercase: 2	✓
✓ Case3				✓

Passed all tests! ✓

Marks for this submission: 1.00/1.00.

Question 2

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to find largest among three numbers using if, else and elif statements.

Answer: (penalty regime: 0 %)

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4 if a > b and a > c:
5     print("The largest number is", a)
6 elif b > a and b > c:
7     print("The largest number is", b)
8 else:
9     print("The largest number is", c)
```

Input	Expected	Got	
5	5	5	✓
9	9	9	✓

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Input	Expected	Got	
✓ 5 9 2 The largest number is 9	5 9 2 The largest number is 9	5 9 2 The largest number is 9	✓
✓ 89 455 98 The largest number is 455	89 455 98 The largest number is 455	89 455 98 The largest number is 455	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 num1 = int(input())
2 num2 = int(input())
3 num3 = int(input())
4 if (num1 >= num2) and (num1 >= num3):
5     largest = num1
6 elif (num2 >= num1) and (num2 >= num3):
7     largest = num2
8 else:
9     largest = num3
10 print("The largest number is", largest)
```

Marks for this submission: 1.00/1.00.

Count the special characters, alp ✎ M Inbox - mohnish.devaraj312002 ✎ WhatsApp ✎ Compulsory Vaccine Rules ✎ +

← → C sathyabama.cognibot.in/mod/quiz/review.php?attempt=1054947&cmid=58198

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Question 3

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to , find the second highest value from the given input list.

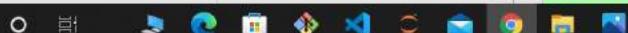
Input: [6, 5, 2, 1, 6, 4]

Output: 5

Answer: (penalty regime: 0 %)

```
1 Case1 = 0
2 Case2 = 0
3 Case3 = 0
4
5 import sys
6
7 a = sys.stdin.readline()
8 n = int(a)
9 arr = []
10
11 for i in range(n):
12     b = sys.stdin.readline()
13     c = int(b)
14     arr.append(c)
15
16 arr.sort()
17
18 print("Second highest element in list is :",arr[-2])
```

Test	Input	Expected	Got	
------	-------	----------	-----	--



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Test	Input	Expected	Got	
✓ Case1	7 12 45 58 98 100 45 10	Second highest element in list is : 98	Second highest element in list is : 98	✓
✓ Case2	7 10 15 20 25 10 15 30	Second highest element in list is : 25	Second highest element in list is : 25	✓
✓ Case3	7 12 18 5 68 45 12 45	Second highest element in list is : 45	Second highest element in list is : 45	✓

Passed all tests! ✓

Marks for this submission: 1.00/1.00.



Count the special characters, alp ✎

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Passed all tests! ✓

Marks for this submission: 1.00/1.00.

Finish review

◀ Write a Python Program to display Armstrong Series

Jump to...

Largest of three numbers using if and else ►



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SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING CSE A & B / Largest of three numbers using if and else

Started on: Monday, 20 December 2021, 2:45 PM

State: Finished

Completed on: Monday, 20 December 2021, 2:48 PM

Time taken: 3 mins 7 secs

Marks: 1.00/1.00

Grade: 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to , find the second highest value from the given input list.

Input: [6, 5, 2, 1, 6, 4]

Output: 5

Answer: (penalty regime: 0 %)

```
1 Case1 = 0
2 Case2 = 0
3 Case3 = 0
4 import sys
```

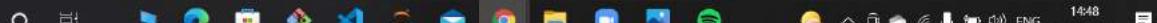
Quiz navigation

1
✓

Finish review



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14:48
20-12-2021



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Time taken: 3 mins / secs

Marks: 1.00/1.00

Grade: 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to , find the second highest value from the given input list.

Input: [6, 5, 2, 1, 6, 4]

Output: 5

Answer: (penalty regime: 0 %)

```
1 Case1 = 0
2 Case2 = 0
3 Case3 = 0
4 import sys
5 a = sys.stdin.readline()
6 n = int(a)
7 arr = []
8
9 for i in range(n):
10    b = sys.stdin.readline()
11    c = int(b)
12    arr.append(c)
13
14 arr.sort()
15 print("Second highest element in list is :", arr[-2])
```

Finish review



Type here to search



14:48
ENG
20-12-2021

Mohnish Devaraj



Test	Input	Expected	Got	
✓ Case1	7 12 45 58 98 100 45 10	Second highest element in list is : 98	Second highest element in list is : 98	✓
✓ Case2	7 10 15 20 25 10 15 30	Second highest element in list is : 25	Second highest element in list is : 25	✓
✓ Case3	7 12 18 5 68 45 12 45	Second highest element in list is : 45	Second highest element in list is : 45	✓

Passed all tests! ✓

 Marks for this submission: 1.00/1.00.



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sathyabama.cognibot.in/mod/quiz/review.php?attempt=1058865&cmid=58210

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12
45

Passed all tests! ✓

Marks for this submission: 1.00/1.00.

Finish review

◀ Count the special characters, alphabets, digits, lowercase and uppercase characters.

Jump to...



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Started on Tuesday, 21 December 2021, 2:04 PM

State Finished

Completed on Tuesday, 21 December 2021, 2:05 PM

Time taken 55 secs

Marks 1.00/1.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Write code in python program to display the subject code and name of your lab in two different lines.

Answer: (penalty regime: 0 %)

```
1 a = "SCSA2601"
2 b = "Machine Learning and Data Analytics Lab"
3 print(a)
4 print(b)
```

	Input	Expected	Got	
✓	SCSA2601	SCSA2601 Machine Learning and Data Analytics Lab	SCSA2601 Machine Learning and Data Analytics Lab	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 a = "SCSA2601"
2 b = "Machine Learning and Data Analytics Lab"
3 print(a)
4 print(b)
```

Correct

Marks for this submission: 1.00/1.00.

[**◀ 21.12.2021_Ex 2: Learning Operators**](#)

Jump to...

[**21.12.2021_Ex 2: Learning Operators ►**](#)**SATHYABAMA**
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Started on Tuesday, 21 December 2021, 2:06 PM

State Finished

Completed on Tuesday, 21 December 2021, 2:35 PM

Time taken 28 mins 53 secs

Grade **3.00** out of 3.00 (**100%**)

Question 1

Correct

Mark 1.00 out of 1.00

Write python code to add any two numbers.

Answer: (penalty regime: 0 %)

```
1 a = input()
2 b = input()
3 a = float(a)
4 b = float(b)
5 print("The sum of", a , "and", b , "is", a+b)
```

	Input	Expected	Got	
✓	1.5 6.3	The sum of 1.5 and 6.3 is 7.8	The sum of 1.5 and 6.3 is 7.8 ✓	

Passed all tests! ✓

Question author's solution (Python3):

```
1 num1 = 1.5
2 num2 = 6.3
3 sum = num1 + num2
4 print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))
```

Correct

Marks for this submission: 1.00/1.00.

Question 2

Correct

Mark 1.00 out of 1.00

Write a python code to add two numbers using input() function.

Answer: (penalty regime: 0 %)

```
1 | def add(a,b):
2 |     c=float(a)+float(b)
3 |     print('The sum of {} and {} is {}'.format(a,b,c))
4 | a=input()
5 | b=input()
6 | add(a,b)
```

	Input	Expected	Got	
✓	5 3	5 3 The sum of 5 and 3 is 8.0	5 3 The sum of 5 and 3 is 8.0	✓
✓	3.5 2.8	3.5 2.8 The sum of 3.5 and 2.8 is 6.3	3.5 2.8 The sum of 3.5 and 2.8 is 6.3	✓
✓	99 72.6	99 72.6 The sum of 99 and 72.6 is 171.6	99 72.6 The sum of 99 and 72.6 is 171.6	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 | num1 = input()
2 | num2 = input()
3 | sum = float(num1) + float(num2)
4 | print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))
```

Correct

Marks for this submission: 1.00/1.00.

Question 3

Correct

Mark 1.00 out of 1.00

Write python code to add two numbers without using plus operator.

Answer: (penalty regime: 0 %)

```

1 def Add(x, y):
2     while(y != 0):
3         carry = x & y
4         x = x ^ y
5         y = carry << 1
6         print(carry)
7         print(x)
8         print(y)
9
10 #a = int(input())
11 #b = int(input())
12 Add(5, 3)

```

	Input	Expected	Got	
✓	5	1	1	✓
	3	6	6	
		2	2	
		2	2	
		4	4	
		4	4	
		4	4	
		0	0	
		8	8	
		0	0	
		8	8	
		0	0	

Passed all tests! ✓

Question author's solution (Python3):

```

1 def add_without_plus(a,b):
2     while b!=0:
3         data = a&b
4         print(data)
5         a = a^b
6         print(a)
7         b = data<<1
8         print(b)
9     return a
10 add_without_plus(5,3)

```

Correct

Marks for this submission: 1.00/1.00.

[◀ 21.12.2021 Ex 1: Learning Print Statement](#)

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SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING CSE A1 & B1 / 28.12.2021 Ex 3: Learning Square Root & Swap function

Started on: Tuesday, 28 December 2021, 2:00 PM

State: Finished

Completed on: Tuesday, 28 December 2021, 2:37 PM

Time taken: 37 mins 23 secs

Marks: 4.00/4.00

Grade: 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to find out the roots of quadratic equation. Your output should be in complex number format.

Answer: (penalty regime: 0 %)

```
1 import cmath
2 a = float(input())
3 b = float(input())
4 c = float(input())
5 d = (b**2) - (4*a*c)
```

Quiz navigation

- 1
- 2
- 3
- 4

Finish review



Type here to search



29°C 14:37
ENG 28-12-2021



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Finish review

Grade: 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to find out the roots of quadratic equation. Your output should be in complex number format.

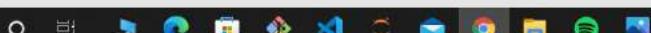
Answer: (penalty regime: 0 %)

```
1 import cmath
2 a = float(input())
3 b = float(input())
4 c = float(input())
5
6 d = (b**2) - (4*a*c)
7
8 sol1 = (-b-(d**(1/2)))/(2*a)
9 sol2 = (-b+(d**(1/2)))/(2*a)
10 print('The roots of the quadratic equation is {0} and {1}'.format(sol2,sol1))
```

Input Expected



Type here to search



29°C ENG 28-12-2021 14:38

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Input	Expected
4	4
1	1
3	3

The roots of the quadratic equation is (-0.1249999999999994+0.8569568250501305j) and (-0.12500000000000006-0.8569568250501305j)

Passed all tests! ✓

Question author's solution (Python3):

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4 x = (-b + (((b*b)-4*a*c)**0.5))/(2*a)
5 y = (-b - (((b*b)-4*a*c)**0.5))/(2*a)
6 print('The roots of the quadratic equation is {0} and {1}'.format(x,y))
```

Marks for this submission: 1.00/1.00.



Type here to search



Question 2

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to find the area of triangle using Heron's formula.

Answer: (penalty regime: 0 %)

```
1 a = float(input())
2 b = float(input())
3 c = float(input())
4
5 s = (a + b + c) / 2
6
7 area = (s*(s-a)*(s-b)*(s-c)) ** 0.5
8
9 print("The area of the triangle is %.2f" %area)
```

	Input	Expected	Got	
✓	4	4	4	✓
	3	3	3	



Type here to search



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	Input	Expected	Got	
✓	4 3 5	4 3 5	4 3 5	✓
	The area of the triangle is 6.00	The area of the triangle is 6.00	The area of the triangle is 6.00	
✓	5 6 3	5 6 3	5 6 3	✓
	The area of the triangle is 7.48	The area of the triangle is 7.48	The area of the triangle is 7.48	

Passed all tests! ✓

Question author's solution (Python3):

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4 s = (a + b + c) / 2
5 area = (s*(s-a)*(s-b)*(s-c)) ** 0.5
6 print('The area of the triangle is %.2f' %area)
```

Marks for this submission: 1.00/1.00.



Type here to search



29°C ENG 28-12-2021 14:38

Question 3

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to swap two numbers using a random temporary variable.

Answer: (penalty regime: 0 %)

```
1 x = int(input())
2 y = int(input())
3 t = x
4 x = y
5 y = t
6 print("The value of x after swapping:", x)
7 print("The value of y after swapping:", y)
```

Input	Expected	Got	
5	5	5	✓
7	7	7	✓

The value of x after swapping: 7 The value of x after swapping: 7



Input	Expected	Got	
5 7	5 7 The value of x after swapping: 7 The value of y after swapping: 5	5 7 The value of x after swapping: 7 The value of y after swapping: 5	✓
9 4	9 4 The value of x after swapping: 4 The value of y after swapping: 9	9 4 The value of x after swapping: 4 The value of y after swapping: 9	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 x = int(input())
2 y = int(input())
3 temp = x
4 x = y
5 y = temp
6 print('The value of x after swapping: {}'.format(x))
7 print('The value of y after swapping: {}'.format(y))
```

Marks for this submission: 1.00/1.00.

Question 4

Write python code to swap two numbers without using a temporary variable.





Question 4

Correct

Mark 1.00 out of
1.00

 Flag question

Write python code to swap two numbers without using temporary variable.

Answer: (penalty regime: 0 %)

```
1 x = int(input())
2 y = int(input())
3
4 x = x + y
5 y = x - y
6 x = x - y
7
8 print("After Swapping: x = {}, y = {}".format(x,y))
```

	Input	Expected	Got	
✓	5 7	5 7 After Swapping: x = 7 y = 5	5 7 After Swapping: x = 7 y = 5	✓

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	Input	Expected	Got
✓	5 7	5 7 After Swapping: x = 7 y = 5	5 7 After Swapping: x = 7 y = 5
✓	99 77	99 77 After Swapping: x = 77 y = 99	99 77 After Swapping: x = 77 y = 99

Passed all tests! ✓

Question author's solution (Python3):

```
1 x = int(input())
2 y = int(input())
3 x = x + y
4 y = x - y
5 x = x - y
6 print("After Swapping: x =", x, " y =", y)
```

Marks for this submission: 1.00/1.00.

Finish review

◀ 21.12.2021_Ex 2: Learning Operators

Jump to...

27.12.2021_Ex 1: Learning Print Statement



Mohnish Devaraj



ENGLISH (EN) ▾

SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING CSE C1& D1 / 04.01.2022_Practice Ex.4 & 5 Learning Looping Statements & Functions

Started on: Tuesday, 4 January 2022, 2:12 PM

State: Finished

Completed on: Tuesday, 4 January 2022, 2:33 PM

Time taken: 21 mins 17 secs

Grade: 6.00 out of 6.00 (100%)

Question 1

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to display whether the given number is prime number or not.

Answer: (penalty regime: 0 %)

```
1 num = int(input())
2
3 flag = False
4
5 if num > 1:
6     for i in range(2, num):
7         if(num % i) == 0:
8             flag = True
```

Quiz navigation

1 2 3 4 5 6

Show one page at a time

Finish review



Type here to search



29°C ENG 04-01-2022 15:05



Mohnish Devaraj

State Finished

Completed on Tuesday, 4 January 2022, 2:33 PM

Time taken 21 mins 17 secs

Grade 6.00 out of 6.00 (100%)

Question 1

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to display whether the given number is prime number or not.

Answer: (penalty regime: 0 %)

```
1 num = int(input())
2
3 flag = False
4
5 if num > 1:
6     for i in range(2, num):
7         if(num % i) == 0:
8             flag = True
9             break
10
11 if flag:
12     print(num, "is not a prime number")
13     for i in range(0, num):
14         if(2 * i == num):
15             print("2 times", i, "is", num)
16 else:
17     print(num, "is a prime number")
```



Show one page at a time

Finish review



Type here to search



29°C ENG 04-01-2022 15:05

Mohnish Devaraj

```
7. if(num % 1) == 0:
8.     flag = True
9.     break
10.
11. if flag:
12.     print(num, "is not a prime number")
13.     for i in range(2, num):
14.         if(2 * i == num):
15.             print("2 times", i, "is", num)
16. else:
17.     print(num, "is a prime number")
```

Input	Expected	Got	
✓ 3 3 is a prime number	3 3 is a prime number	3 3 is a prime number	✓
✓ 6 6 is not a prime number 2 times 3 is 6	6 6 is not a prime number 2 times 3 is 6	6 6 is not a prime number 2 times 3 is 6	✓
✓ 960 960 is not a prime number 2 times 480 is 960	960 960 is not a prime number 2 times 480 is 960	960 960 is not a prime number 2 times 480 is 960	✓
✓ 79 79 is a prime number	79 79 is a prime number	79 79 is a prime number	✓

Passed all tests! ✓



Mohnish Devaraj

Input	Expected	Out	
✓ 3 3 is a prime number	3 3 is a prime number	3 3 is a prime number	✓
✓ 6 6 is not a prime number 2 times 3 is 6	6 6 is not a prime number 2 times 3 is 6	6 6 is not a prime number 2 times 3 is 6	✓
✓ 960 960 is not a prime number 2 times 480 is 960	960 960 is not a prime number 2 times 480 is 960	960 960 is not a prime number 2 times 480 is 960	✓
✓ 79 79 is a prime number	79 79 is a prime number	79 79 is a prime number	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 num = int(input())
2 if num > 1:
3     for i in range(2,num):
4         if (num % i) == 0:
5             print(num,"is not a prime number")
6             print(i,"times",num//i,"is",num)
7             break
8     else:
9         print(num,"is a prime number")
10 else:
11     print(num,"is not a prime number")
```

Marks for this submission: 1.00/1.00.



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29°C ENG 04-01-2022 15:06

Question 2

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to find the factorial of the given number.

Answer: (penalty regime: 0 %)

```
1 num = int(input())
2
3 fact = 1
4
5 if num < 0:
6     print("Sorry, factorial does not exist for negative numbers")
7 elif num == 0:
8     print("1")
9 else:
10    for i in range(1, num + 1):
11        fact = fact * i
12    print("The factorial of {} is {}".format(num, fact))
```

Input	Expected	Got
✓ 7 The factorial of 7 is 5040	7 The factorial of 7 is 5040	7 The factoria



Type here to search



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```
3 fact = 1
4
5 if num < 0:
6     print("Sorry, factorial does not exist for negative numbers")
7 elif num == 0:
8     print("1")
9 else:
10    for i in range(1, num + 1):
11        fact = fact * i
12    print("The factorial of {} is {}".format(num, fact))
```

Input	Expected	Got
✓ 7 The factorial of 7 is 5040	7 The factorial of 7 is 5040	7 The factorial of 7 is 5040
✓ -9 Sorry, factorial does not exist for negative numbers.	-9 Sorry, factorial does not exist for negative numbers	-9 Sorry, factorial does not exist for negative numbers
✓ 15 The factorial of 15 is 1307674368000	15 The factorial of 15 is 1307674368000	15 The factorial of 15 is 1307674368000

Passed all tests! ✓



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Input	Expected	Got
✓ 7 The factorial of 7 is 5040	7 The factorial of 7 is 5040	7 The factorial
✓ -9 Sorry, factorial does not exist for negative numbers	-9 Sorry, factorial does not exist for negative numbers	-9 Sorry, facto
✓ 15 The factorial of 15 is 1307674368000	15 The factorial of 15 is 1307674368000	15 The factorial

Passed all tests! ✓

Question author's solution (Python3):

```
1 num = int(input())
2 factorial = 1
3 if num < 0:
4     print("Sorry, factorial does not exist for negative numbers")
5 elif num == 0:
6     print("The factorial of 0 is 1")
7 else:
8     for i in range(1,num + 1):
9         factorial = factorial*i
10    print("The factorial of",num,"is",factorial)
```

Marks for this submission: 1.00/1.00.



Question 3

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to display the prime numbers within the given set of range.

Answer: (penalty regime: 0 %)

```
1 lower = int(input(""))
2 upper = int(input(""))
3
4 print("Prime numbers between {} and {} are:".format(lower, upper))
5
6 for num in range(lower, upper + 1):
7     # all prime numbers are greater than 1
8     if num > 1:
9         for i in range(2, num):
10            if (num % i) == 0:
11                break
12            else:
13                print(num)
```

Input	Expected	Got
900	900	900
1000	1000	1000

Prime numbers between 900 and 1000 are: Prime numbers between 900 and 1000 are: Prime numbers between 900 and 1000 are:



Type here to search



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Input	Expected	Got
✓ 900 1000 Prime numbers between 900 and 1000 are: 907 911 919 929 937 941 947 953 967 971 977 983 991 997	900 1000 Prime numbers between 900 and 1000 are: 907 911 919 929 937 941 947 953 967 971 977 983 991 997	900 1000 Prime numbers between 900 and 1000 are: 907 911 919 929 937 941 947 953 967 971 977 983 991 997
✓ 554 984 Prime numbers between 554 and 984 are: 557 563 569 571 577 587 593 599 601 607 613 617	554 984 Prime numbers between 554 and 984 are: 557 563 569 571 577 587 593 599 601 607 613 617	554 984 Prime numbers between 554 and 984 are: 557 563 569 571 577 587 593 599 601 607 613 617



Type here to search





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554	554	554
984	984	984
Prime numbers between 554 and 984 are:		
557	557	557
563	563	563
569	569	569
571	571	571
577	577	577
587	587	587
593	593	593
599	599	599
601	601	601
607	607	607
613	613	613
617	617	617
619	619	619
631	631	631
641	641	641
643	643	643
647	647	647
653	653	653
659	659	659
661	661	661
673	673	673
677	677	677
683	683	683
691	691	691
701	701	701
709	709	709
719	719	719
727	727	727
733	733	733
739	739	739
743	743	743
751	751	751



Type here to search



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751	751	751
757	757	757
761	761	761
769	769	769
773	773	773
787	787	787
797	797	797
809	809	809
811	811	811
821	821	821
823	823	823
827	827	827
829	829	829
839	839	839
853	853	853
857	857	857
859	859	859
863	863	863
877	877	877
881	881	881
883	883	883
887	887	887
907	907	907
911	911	911
919	919	919
929	929	929
937	937	937
941	941	941
947	947	947
953	953	953
967	967	967
971	971	971
977	977	977
983	983	983

✓

0

0

0



Type here to search



27°C



15:08

04-01-2022



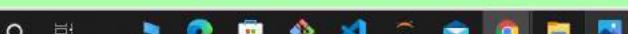
Mohnish Devaraj

967	967	967
971	971	971
977	977	977
983	983	983
✓ 0	0	0
100	100	100
Prime numbers between 0 and 100 are:	Prime numbers between 0 and 100 are:	Prime numbers between 0 and 100 are:
2	2	2
3	3	3
5	5	5
7	7	7
11	11	11
13	13	13
17	17	17
19	19	19
23	23	23
29	29	29
31	31	31
37	37	37
41	41	41
43	43	43
47	47	47
53	53	53
59	59	59
61	61	61
67	67	67
71	71	71
73	73	73
79	79	79
83	83	83
89	89	89
97	97	97

Passed all tests! ✓



Type here to search



27°C 15:08 ENG 04-01-2022

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47	47	47
53	53	53
59	59	59
61	61	61
67	67	67
71	71	71
73	73	73
79	79	79
83	83	83
89	89	89
97	97	97

Passed all tests! ✓

Question author's solution (Python3):

```
1 lower = int(input())
2 upper = int(input())
3 print("Prime numbers between", lower, "and", upper, "are:")
4
5 for num in range(lower, upper + 1):
6     # all prime numbers are greater than 1
7     if num > 1:
8         for i in range(2, num):
9             if (num % i) == 0:
10                 break
11             else:
12                 print(num)
```

Marks for this submission: 1.00/1.00.



Question 4

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to display the multiplication table of any given number.

Answer: (penalty regime: 0 %)

```
1 n = int(input())
2
3 for i in range(1, 11):
4     print("{} x {} = {}".format(n, i, n*i))
```

Input	Expected	Got	
13	13	13	✓
13 x 1 = 13	13 x 1 = 13	13 x 1 = 13	
13 x 2 = 26	13 x 2 = 26	13 x 2 = 26	



Type here to search



Input	Expected	Got	
✓ 13 13 × 1 = 13 13 × 2 = 26 13 × 3 = 39 13 × 4 = 52 13 × 5 = 65 13 × 6 = 78 13 × 7 = 91 13 × 8 = 104 13 × 9 = 117 13 × 10 = 130	13 13 × 1 = 13 13 × 2 = 26 13 × 3 = 39 13 × 4 = 52 13 × 5 = 65 13 × 6 = 78 13 × 7 = 91 13 × 8 = 104 13 × 9 = 117 13 × 10 = 130	13 13 × 1 = 13 13 × 2 = 26 13 × 3 = 39 13 × 4 = 52 13 × 5 = 65 13 × 6 = 78 13 × 7 = 91 13 × 8 = 104 13 × 9 = 117 13 × 10 = 130	✓
✓ 19 19 × 1 = 19 19 × 2 = 38 19 × 3 = 57 19 × 4 = 76 19 × 5 = 95 19 × 6 = 114 19 × 7 = 133 19 × 8 = 152 19 × 9 = 171 19 × 10 = 190	19 19 × 1 = 19 19 × 2 = 38 19 × 3 = 57 19 × 4 = 76 19 × 5 = 95 19 × 6 = 114 19 × 7 = 133 19 × 8 = 152 19 × 9 = 171 19 × 10 = 190	19 19 × 1 = 19 19 × 2 = 38 19 × 3 = 57 19 × 4 = 76 19 × 5 = 95 19 × 6 = 114 19 × 7 = 133 19 × 8 = 152 19 × 9 = 171 19 × 10 = 190	✓
✓ 29 29 × 1 = 29 29 × 2 = 58 29 × 3 = 87 29 × 4 = 116 29 × 5 = 145 29 × 6 = 174 29 × 7 = 203	29 29 × 1 = 29 29 × 2 = 58 29 × 3 = 87 29 × 4 = 116 29 × 5 = 145 29 × 6 = 174 29 × 7 = 203	29 29 × 1 = 29 29 × 2 = 58 29 × 3 = 87 29 × 4 = 116 29 × 5 = 145 29 × 6 = 174 29 × 7 = 203	✓



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<input checked="" type="checkbox"/>	29	29	29	<input checked="" type="checkbox"/>
	$29 \times 1 = 29$	$29 \times 1 = 29$	$29 \times 1 = 29$	
	$29 \times 2 = 58$	$29 \times 2 = 58$	$29 \times 2 = 58$	
	$29 \times 3 = 87$	$29 \times 3 = 87$	$29 \times 3 = 87$	
	$29 \times 4 = 116$	$29 \times 4 = 116$	$29 \times 4 = 116$	
	$29 \times 5 = 145$	$29 \times 5 = 145$	$29 \times 5 = 145$	
	$29 \times 6 = 174$	$29 \times 6 = 174$	$29 \times 6 = 174$	
	$29 \times 7 = 203$	$29 \times 7 = 203$	$29 \times 7 = 203$	
	$29 \times 8 = 232$	$29 \times 8 = 232$	$29 \times 8 = 232$	
	$29 \times 9 = 261$	$29 \times 9 = 261$	$29 \times 9 = 261$	
	$29 \times 10 = 290$	$29 \times 10 = 290$	$29 \times 10 = 290$	
<input checked="" type="checkbox"/>	37	37	37	<input checked="" type="checkbox"/>
	$37 \times 1 = 37$	$37 \times 1 = 37$	$37 \times 1 = 37$	
	$37 \times 2 = 74$	$37 \times 2 = 74$	$37 \times 2 = 74$	
	$37 \times 3 = 111$	$37 \times 3 = 111$	$37 \times 3 = 111$	
	$37 \times 4 = 148$	$37 \times 4 = 148$	$37 \times 4 = 148$	
	$37 \times 5 = 185$	$37 \times 5 = 185$	$37 \times 5 = 185$	
	$37 \times 6 = 222$	$37 \times 6 = 222$	$37 \times 6 = 222$	
	$37 \times 7 = 259$	$37 \times 7 = 259$	$37 \times 7 = 259$	
	$37 \times 8 = 296$	$37 \times 8 = 296$	$37 \times 8 = 296$	
	$37 \times 9 = 333$	$37 \times 9 = 333$	$37 \times 9 = 333$	
	$37 \times 10 = 370$	$37 \times 10 = 370$	$37 \times 10 = 370$	
<input checked="" type="checkbox"/>	49	49	49	<input checked="" type="checkbox"/>
	$49 \times 1 = 49$	$49 \times 1 = 49$	$49 \times 1 = 49$	
	$49 \times 2 = 98$	$49 \times 2 = 98$	$49 \times 2 = 98$	
	$49 \times 3 = 147$	$49 \times 3 = 147$	$49 \times 3 = 147$	
	$49 \times 4 = 196$	$49 \times 4 = 196$	$49 \times 4 = 196$	
	$49 \times 5 = 245$	$49 \times 5 = 245$	$49 \times 5 = 245$	
	$49 \times 6 = 294$	$49 \times 6 = 294$	$49 \times 6 = 294$	
	$49 \times 7 = 343$	$49 \times 7 = 343$	$49 \times 7 = 343$	
	$49 \times 8 = 392$	$49 \times 8 = 392$	$49 \times 8 = 392$	
	$49 \times 9 = 441$	$49 \times 9 = 441$	$49 \times 9 = 441$	
	$49 \times 10 = 490$	$49 \times 10 = 490$	$49 \times 10 = 490$	



Type here to search



27°C ENG 04-01-2022 15:09

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✓	37	37	37	✓
	$37 \times 1 = 37$	$37 \times 1 = 37$	$37 \times 1 = 37$	
	$37 \times 2 = 74$	$37 \times 2 = 74$	$37 \times 2 = 74$	
	$37 \times 3 = 111$	$37 \times 3 = 111$	$37 \times 3 = 111$	
	$37 \times 4 = 148$	$37 \times 4 = 148$	$37 \times 4 = 148$	
	$37 \times 5 = 185$	$37 \times 5 = 185$	$37 \times 5 = 185$	
	$37 \times 6 = 222$	$37 \times 6 = 222$	$37 \times 6 = 222$	
	$37 \times 7 = 259$	$37 \times 7 = 259$	$37 \times 7 = 259$	
	$37 \times 8 = 296$	$37 \times 8 = 296$	$37 \times 8 = 296$	
	$37 \times 9 = 333$	$37 \times 9 = 333$	$37 \times 9 = 333$	
	$37 \times 10 = 370$	$37 \times 10 = 370$	$37 \times 10 = 370$	
✓	49	49	49	✓
	$49 \times 1 = 49$	$49 \times 1 = 49$	$49 \times 1 = 49$	
	$49 \times 2 = 98$	$49 \times 2 = 98$	$49 \times 2 = 98$	
	$49 \times 3 = 147$	$49 \times 3 = 147$	$49 \times 3 = 147$	
	$49 \times 4 = 196$	$49 \times 4 = 196$	$49 \times 4 = 196$	
	$49 \times 5 = 245$	$49 \times 5 = 245$	$49 \times 5 = 245$	
	$49 \times 6 = 294$	$49 \times 6 = 294$	$49 \times 6 = 294$	
	$49 \times 7 = 343$	$49 \times 7 = 343$	$49 \times 7 = 343$	
	$49 \times 8 = 392$	$49 \times 8 = 392$	$49 \times 8 = 392$	
	$49 \times 9 = 441$	$49 \times 9 = 441$	$49 \times 9 = 441$	
	$49 \times 10 = 490$	$49 \times 10 = 490$	$49 \times 10 = 490$	

Passed all tests! ✓

Question author's solution (Python3):

```
1 num = int(input())
2 for i in range(1, 11):
3     print(num, 'x', i, '=', num*i)
```

Marks for this submission: 1.00/1.00.



Type here to search



27°C ENG 04-01-2022 15:09

Question 5

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to compute and display the Fibonacci sequence of the given number.

Answer: (penalty regime: 0 %)

```
1 n = int(input())
2
3 n1, n2 = 0, 1
4 count = 0
5
6 if n <= 0:
7     print("Enter a positive number")
8 elif n == 1:
9     print(n)
10 else:
11     print("Fibonacci sequence:")
12     while count < n:
13         print(n1)
14         nth = n1 + n2
15         n1 = n2
16         n2 = nth
17         count += 1
```

Input	Expected	Got	
✓ 7 Fibonacci sequence:	7 Fibonacci sequence:	7 Fibonacci sequence:	✓
0	0	0	

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	Input	Expected	Got	
✓	7 Fibonacci sequence: 0 1 1 2 3 5 8	7 Fibonacci sequence: 0 1 1 2 3 5 8	7 Fibonacci sequence: 0 1 1 2 3 5 8	✓
✓	19 Fibonacci sequence: 0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584	19 Fibonacci sequence: 0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584	19 Fibonacci sequence: 0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584	✓
✓	13 Fibonacci sequence:	13 Fibonacci sequence:	13 Fibonacci sequence:	✓



Type here to search



27°C ENG 04-01-2022 15:10



Mohnish Devara...



1	1	1
2	2	2
3	3	3
5	5	5
8	8	8
13	13	13
21	21	21
34	34	34
55	55	55
89	89	89
144	144	144
233	233	233
377	377	377
610	610	610
987	987	987
1597	1597	1597
2584	2584	2584
✓ 13 Fibonacci sequence:	13 Fibonacci sequence:	13 Fibonacci sequence:
0	0	0
1	1	1
1	1	1
2	2	2
3	3	3
5	5	5
8	8	8
13	13	13
21	21	21
34	34	34
55	55	55
89	89	89
144	144	144

Passed all tests! ✓



Type here to search



27°C 15:10 ENG 04-01-2022



Mohnish Devaraj

8	8	8
13	13	13
21	21	21
34	34	34
55	55	55
89	89	89
144	144	144

Passed all tests! ✓

Question author's solution (Python3):

```
1 nterms = int(input())
2 n1, n2 = 0, 1
3 count = 0
4 if nterms <= 0:
5     print("Please enter a positive integer")
6 elif nterms == 1:
7     print("Fibonacci sequence upto",nterms,:")
8     print(n1)
9 else:
10    print("Fibonacci sequence:")
11    while count < nterms:
12        print(n1)
13        nth = n1 + n2
14        n1 = n2
15        n2 = nth
16        count += 1
```

Marks for this submission: 1.00/1.00.



Type here to search





Mohnish Devaraj

Question 6

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to print calendar for any random year.

Answer: (penalty regime: 0 %)

```
1 import calendar
2
3 yy = int(input())
4 mm = int(input())
5
6 print(calendar.month(yy, mm))
```

	Input	Expected	Got
✓	2014 11 November 2014	2014 11 November 2014	2014 11 November 2014



Type here to search



Mohnish Devaraj

Input	Expected	Got
✓ 2014 11	2014 11	2014 11
November 2014	November 2014	November 2014
Mo Tu We Th Fr Sa Su	Mo Tu We Th Fr Sa Su	Mo Tu We Th Fr Sa Su
1 2	1 2	1 2
3 4 5 6 7 8 9	3 4 5 6 7 8 9	3 4 5 6 7 8 9
10 11 12 13 14 15 16	10 11 12 13 14 15 16	10 11 12 13 14 15 16
17 18 19 20 21 22 23	17 18 19 20 21 22 23	17 18 19 20 21 22 23
24 25 26 27 28 29 30	24 25 26 27 28 29 30	24 25 26 27 28 29 30

Passed all tests! ✓

Question author's solution (Python3):

```
1 import calendar
2 yy = int(input())
3 mm = int(input())
4 print(calendar.month(yy, mm))
```

Marks for this submission: 1.00/1.00.

Finish review





Mohnish Devaraj



ENGLISH (EN) ▾

SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING CSE C1& D1 / 08.01.2022_Practice Learning Math Problems

Started on Tuesday, 11 January 2022, 2:09 PM

State Finished

Completed on Tuesday, 11 January 2022, 2:18 PM

Time taken 8 mins 46 secs

Marks 4.00/4.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to find highest common factor among given two numbers.

Answer: (penalty regime: 0 %)

```
1 def cal_hcf(x, y):
2     if x > y:
3         smaller = y
4     else:
5         smaller = x
6     for i in range(1, smaller + 1):
7         if((x % i == 0) and (y % i == 0)):
```

Quiz navigation

1 2 3 4

Finish review



Type here to search



14:22 11-01-2022 ENG



Mohnish Devaraj

Completed on Tuesday, 11 January 2022, 2:18 PM

Time taken 8 mins 46 secs

Marks 4.00/4.00

Grade 10.00 out of 10.00 (100%)



Finish review

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to find highest common factor among given two numbers.

Answer: (penalty regime: 0 %)

```
1 def cal_hcf(x, y):
2     if x > y:
3         smaller = y
4     else:
5         smaller = x
6     for i in range(1, smaller + 1):
7         if((x % i == 0) and (y % i == 0)):
8             hcf = i
9     return hcf
10
11 num1 = int(input())
12 num2 = int(input())
13 print("The H.C.F. is {}".format(cal_hcf(num1, num2)))
```



Type here to search



14:23 11-01-2022 ENG

Mohnish Devaraj

Input	Expected	Got	
✓ 55 38 The H.C.F. is 1	55 38 The H.C.F. is 1	55 38 The H.C.F. is 1	✓
✓ 50 250 The H.C.F. is 50	50 250 The H.C.F. is 50	50 250 The H.C.F. is 50	✓
✓ 99 27 The H.C.F. is 9	99 27 The H.C.F. is 9	99 27 The H.C.F. is 9	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 def compute_hcf(x, y):  
2     if x > y:  
3         smaller = y  
4     else:  
5         smaller = x  
6     for i in range(1, smaller+1):  
7         if((x % i == 0) and (y % i == 0)):  
8             hcf = i  
9     return hcf  
10 num1 = int(input())  
11 num2 = int(input())  
12 print("The H.C.F. is", compute_hcf(num1, num2))
```

Copy

Marks for this submission: 1.00/1.00.

Question 2

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to find the Least Common Multiple among given two numbers.

Answer: (penalty regime: 0 %)

```
1 def cal_lcm(x, y):
2     if x > y:
3         greater = x
4     else:
5         greater = y
6     while(True):
7         if((greater % x == 0) and (greater % y == 0)):
8             lcm = greater
9             break
10        greater += 1
11    return lcm
12
13 num1 = int(input())
14 num2 = int(input())
15 print("The L.C.M. is {}".format(cal_lcm(num1, num2)))
```

Input	Expected	Got	
54	54	54	✓
24	24	24	
The L.C.M. is 216	The L.C.M. is 216	The L.C.M. is 216	



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	Input	Expected	Got	
✓	54 24 The L.C.M. is 216	54 24 The L.C.M. is 216	54 24 The L.C.M. is 216	✓
✓	568 928 The L.C.M. is 65888	568 928 The L.C.M. is 65888	568 928 The L.C.M. is 65888	✓
✓	8 7 The L.C.M. is 56	8 7 The L.C.M. is 56	8 7 The L.C.M. is 56	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 def compute_lcm(x, y):
2     if x > y:
3         greater = x
4     else:
5         greater = y
6     while(True):
7         if((greater % x == 0) and (greater % y == 0)):
8             lcm = greater
9             break
10        greater += 1
11    return lcm
12 num1 = int(input())
13 num2 = int(input())
14 print("The L.C.M. is", compute_lcm(num1, num2))
```



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14:23 11-01-2022 ENG

08.01.2022_Practice Learning Ma X M Inbox - mohnish.devaraj312002@ WhatsApp X + sathyabama.cognibot.in/mod/quiz/review.php?attempt=1167774&cmid=60874



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24	24	24	
The L.C.M. is 216	The L.C.M. is 216	The L.C.M. is 216	
✓ 568	568	568	✓
928	928	928	

568	568	568	
928	928	928	
The L.C.M. is 65888	The L.C.M. is 65888	The L.C.M. is 65888	
✓ 8	8	8	✓

8	8	8	
7	7	7	
The L.C.M. is 56	The L.C.M. is 56	The L.C.M. is 56	
✓			

Passed all tests! ✓

Question author's solution (Python3):

```
1 def compute_lcm(x, y):
2     if x > y:
3         greater = x
4     else:
5         greater = y
6     while(True):
7         if((greater % x == 0) and (greater % y == 0)):
8             lcm = greater
9             break
10        greater += 1
11    return lcm
12 num1 = int(input())
13 num2 = int(input())
14 print("The L.C.M. is", compute_lcm(num1, num2))
```

Correct

Marks for this submission: 1.00/1.00.

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Question 3

Correct

Mark 1.00 out of
1.00

Flag question

Write python code find Least Common Multiple among given two numbers using Greatest Common Factor.

Answer: (penalty regime: 0 %)

```
1 def cal_lcm(x, y):
2     if x > y:
3         greater = x
4     else:
5         greater = y
6     while(True):
7         if((greater % x == 0) and (greater % y == 0)):
8             lcm = greater
9             break
10        greater += 1
11    return lcm
12
13 num1 = int(input())
14 num2 = int(input())
15 print("The L.C.M. is {}".format(cal_lcm(num1, num2)))
```

	Input	Expected	Got	
✓	54 24	54 24	54 24	✓

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Input	Expected	Got	
✓ 54 24 The L.C.M. is 216	54 24 The L.C.M. is 216	54 24 The L.C.M. is 216	✓
✓ 768 988 The L.C.M. is 189696	768 988 The L.C.M. is 189696	768 988 The L.C.M. is 189696	✓
✓ 8 7 The L.C.M. is 56	8 7 The L.C.M. is 56	8 7 The L.C.M. is 56	✓

Passed all tests! ✓

Question author's solution (Python3):

```
1 def compute_gcd(x, y):  
2     while(y):  
3         x, y = y, x % y  
4     return x  
5 def compute_lcm(x, y):  
6     lcm = (x*y)//compute_gcd(x,y)  
7     return lcm  
8 num1 = int(input())  
9 num2 = int(input())  
10 print("The L.C.M. is", compute_lcm(num1, num2))
```

Correct

Marks for this submission: 1.00/1.00.



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14:24
11-01-2022



Mohnish Devaraj

Question 4

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to display the factors of any given number.

Answer: (penalty regime: 0 %)

```
1 num = int(input())
2 print(num)
3 for i in range(1, num + 1):
4     if num % i == 0:
5         print(i)
```

	Input	Expected	Got	
✓	320	320	320	✓
	1	320	320	
	2	1	1	



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	Input	Expected	Got	
✓	320	320	320	✓
	1	320	320	
	2	1	1	
	4	2	2	
	5	4	4	
	8	5	5	
	10	8	8	
	16	10	10	
	20	16	16	
	32	20	20	
	40	32	32	
	64	40	40	
	80	64	64	
	160	80	80	
	320	160	160	
		320	320	
✓	650	650	650	✓
	1	650	650	
	2	1	1	
	5	2	2	
	10	5	5	
	13	10	10	
	25	13	13	
	26	25	25	
	50	26	26	
	65	50	50	
	130	65	65	
	325	130	130	
	650	325	325	
		650	650	
✓	1098	1098	1098	✓

08.01.2022_Practice Learning Ma X M Inbox - mohnish.devaraj312002@ WhatsApp X + sathyabama.cognibot.in/mod/quiz/review.php?attempt=1167774&cmid=60874

Mohnish Devaraj

✓	1098	1098	1098	✓
1	1098	1098	1098	
2	1	1	1	
3	2	2	2	
6	3	3	3	
9	6	6	6	
18	9	9	9	
61	18	18	18	
122	61	61	61	
183	122	122	122	
366	183	183	183	
549	366	366	366	
1098	549	549	549	
	1098	1098	1098	

Passed all tests! ✓

Question author's solution (Python3):

```
1 def print_factors(x):
2     print(x)
3     for i in range(1, x + 1):
4         if x % i == 0:
5             print(i)
6 num = int(input())
7 print_factors(num)
```

Copy

Marks for this submission: 1.00/1.00.

08.01.2022_Practice Learning Ma X M Inbox - mohnish.devaraj312002@ WhatsApp X + sathyabama.cognibot.in/mod/quiz/review.php?attempt=1167774&cmid=60874

Mohnish Devaraj

1098	549	549	
1098	1098		

Passed all tests! ✓

Question author's solution (Python3):

```
1 def print_factors(x):
2     print(x)
3     for i in range(1, x + 1):
4         if x % i == 0:
5             print(i)
6 num = int(input())
7 print_factors(num)
```

Correct

Marks for this submission: 1.00/1.00.

Finish review

◀ 04.01.2022_Practice Ex.4 & 5 Learning
Looping Statements & Functions

Jump to...



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11-01-2022



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22.01.2022 Practice Lab Ex.Panda X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1183588&cmid=62207

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ENGLISH (EN) ▾

SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING CSE C1& D1 / 22.01.2022 Practice Lab Ex.Pandas Pre-Processing functions

Started on Friday, 21 January 2022, 2:18 PM

State Finished

Completed on Friday, 21 January 2022, 2:52 PM

Time taken 33 mins 48 secs

Marks 1.00/1.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

- i) print rows, columns, size and shape of the corresponding dataset
- ii) print the memory usage and dimensions of the corresponding dataset.
- iii) print head and tail of the dataset with n value as 10
- iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

Quiz navigation

1
▼

Finish review



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33°C ENG 14:53 21-01-2022

22.01.2022 Practice Lab Ex.Panda X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1183588&cmid=62207

Mohnish Devaraj

Question 1

Correct

Mark 1.00 out of
1.00

Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

- i) print rows, columns, size and shape of the corresponding dataset
- ii) print the memory usage and dimensions of the corresponding dataset.
- iii) print head and tail of the dataset with n value as 10
- iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

```
1 # import pandas as pd
2
3 # salary = pd.read_csv("Salary.csv")
4
5 # salary
6 # O/P
7 # YearsExperience    Salary
8 # 0 1.1 39343
9 # 1 1.3 46205
10 # 2 1.5 37731
11 # 3 2.0 43525
12 # 4 2.2 39891
13 # 5 2.9 56642
14 # 6 3.0 60150
15 # 7 3.2 54445
16 # 8 3.2 64445
17 # 9 3.7 57189
18 # 10    3.9 63218
19 # 11    4.0 55794
20 # 12    4.0 56957
21 # 13    4.1 57081
22 # 14    4.5 61111
```



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33°C ENG 14:54
21-01-2022

三

Mohnish Devaraj

Question 1

Correct

▶ Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

- i) print rows, columns, size and shape of the corresponding dataset
 - ii) print the memory usage and dimensions of the corresponding dataset.
 - iii) print head and tail of the dataset with n value as 10
 - iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

23	# 15	4.9	67938
24	# 16	5.1	66029
25	# 17	5.3	83088
26	# 18	5.9	81363
27	# 19	6.0	93940
28	# 20	6.8	91738
29	# 21	7.1	98273
30	# 22	7.9	101302
31	# 23	8.2	113812
32	# 24	8.7	109431
33	# 25	9.0	105582
34	# 26	9.5	116969
35	# 27	9.6	112635
36	# 28	10.3	122391
37	# 29	10.5	121872
38	# 30	11.2	127345
39	# 31	11.5	126756
40	# 32	12.3	128765
41	# 33	12.9	135675
42	# 34	13.5	139465
43			
44	# # i)		



 Type here to search



33°C ENG 14:55 21-01-2022



Question 1

Correct

Mark 1.00 out of
1.00

 Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

- i) print rows, columns, size and shape of the corresponding dataset
 - ii) print the memory usage and dimensions of the corresponding dataset.
 - iii) print head and tail of the dataset with n value as 10
 - iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

```

45 # # print rows
46 # print(salary)
47 # print()
48 # # print columns
49 # print(salary.columns)
50 # print()
51 # # print size
52 # print(salary.size)
53 # print()
54 # # print shape
55 # print(salary.shape)
56 # O/P
57 # YearsExperience Salary
58 # 0 1.1 39343
59 # 1 1.3 46205
60 # 2 1.5 37731
61 # 3 2.0 43525
62 # 4 2.2 39891
63 # 5 2.9 56642
64 # 6 3.0 60150
65 # 7 3.2 54445
66 # 8 3.2 64445

```

22.01.2022 Practice Lab Ex.Panda X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1183588&cmid=62207

Mohnish Devaraj

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

i) print rows, columns, size and shape of the corresponding dataset
ii) print the memory usage and dimensions of the corresponding dataset.
iii) print head and tail of the dataset with n value as 10
iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

67	# 9	3.7	57189
68	# 10	3.9	63218
69	# 11	4.0	55794
70	# 12	4.0	56957
71	# 13	4.1	57081
72	# 14	4.5	61111
73	# 15	4.9	67938
74	# 16	5.1	66029
75	# 17	5.3	83088
76	# 18	5.9	81363
77	# 19	6.0	93940
78	# 20	6.8	91738
79	# 21	7.1	98273
80	# 22	7.9	101302
81	# 23	8.2	113812
82	# 24	8.7	109431
83	# 25	9.0	105582
84	# 26	9.5	116969
85	# 27	9.6	112635
86	# 28	10.3	122391
87	# 29	10.5	121872
88	# 30	11.2	127345

22.01.2022 Practice Lab Ex.Panda X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1183588&cmid=62207

Mohnish Devaraj

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

i) print rows, columns, size and shape of the corresponding dataset
ii) print the memory usage and dimensions of the corresponding dataset.
iii) print head and tail of the dataset with n value as 10
iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

```
89 # 31          11.5 126756
90 # 32          12.3 128765
91 # 33          12.9 135675
92 # 34          13.5 139465
93
94 # Index(['YearsExperience', 'Salary'], dtype='object')
95
96 # 70
97
98 # (35, 2)
99
100 # # ii)
101 # # print the memory usage
102 # print(salary.memory_usage())
103 # print()
104 # # print dimensions of the corresponding dataset
105 # print(salary.shape)
106 # O/P
107 # Index          128
108 # YearsExperience 280
109 # Salary          280
110 # dtype: int64
```

Type here to search

33°C ENG 14:56 21-01-2022

22.01.2022 Practice Lab Ex.Panda X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1183588&cmid=62207

Mohnish Devaraj

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

i) print rows, columns, size and shape of the corresponding dataset

ii) print the memory usage and dimensions of the corresponding dataset.

iii) print head and tail of the dataset with n value as 10

iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

```
111
112 # (35, 2)
113
114 # # iii)
115 # # print head of the dataset with n value as 10
116 # print(salary.head(10))
117 # print()
118 # # print tail of the dataset with n value as 10
119 # print(salary.tail(10))
120 # O/P
121 #   YearsExperience  Salary
122 # 0           1.1  39343
123 # 1           1.3  46205
124 # 2           1.5  37731
125 # 3           2.0  43525
126 # 4           2.2  39891
127 # 5           2.9  56642
128 # 6           3.0  60150
129 # 7           3.2  54445
130 # 8           3.2  64445
131 # 9           3.7  57189
132 ...
```

22.01.2022 Practice Lab Ex.Panda X +

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Question 1

Correct

Mark 1.00 out of
1.00

Flag question

Write a python program to read a CSV File (employee record - eg. salary dataset). Print column wise output. Do the following pre-processing functions on the dataframe created.

- i) print rows, columns, size and shape of the corresponding dataset
- ii) print the memory usage and dimensions of the corresponding dataset.
- iii) print head and tail of the dataset with n value as 10
- iv) print the values in 3rd column of the dataset fully and value at index [5,9].

Answer: (penalty regime: 0 %)

```
132
133 #      YearsExperience  Salary
134 # 25          9.0  105582
135 # 26          9.5  116969
136 # 27          9.6  112635
137 # 28          10.3 122391
138 # 29          10.5 121872
139 # 30          11.2 127345
140 # 31          11.5 126756
141 # 32          12.3 128765
142 # 33          12.9 135675
143 # 34          13.5 139465
144
145 # # iv)
146 # #print the values in 3rd column of the dataset
147 # #fully and value at index [5,9].
148 # val = salary['Salary'].values[5:9]
149 # val
150 # O/P
151 # array([56642, 60150, 54445, 64445], dtype=int64)
152
153 print(1)
```



Type here to search



33°C 14:56
21-01-2022

22.01.2022 Practice Lab Ex.Panda X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1183588&cmid=62207

Mohnish Devaraj

```
144 # # iv)
145 # print the values in 3rd column of the dataset
146 # #fully and value at index [5,9].
147 # val = salary['Salary'].values[5:9]
148 # val
149 # O/P
150 # array([56642, 60150, 54445, 64445], dtype=int64)
151 # print(1)
```

	Input	Expected	Got	
✓	1	1	1	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Finish review

◀ 08.01.2022_Practice Learning Math Problems

Jump to...

25.01.2022_Practice Exercise _Pty X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

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ENGLISH (EN) ▾

SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING CSE C1& D1 / 25.01.2022_Practice Exercise _Python Dats Structures

Started on Tuesday, 25 January 2022, 2:09 PM

State Finished

Completed on Tuesday, 25 January 2022, 2:34 PM

Time taken 25 mins 23 secs

Marks 2.00/2.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write a python code for Performing below Operations:

1. Create a List : Fruits = ["Apple", "Banana", "Mango", "Orange", "Pineapple", "Kiwi", "Papaya", "Watermelon"], and display the same.
2. Add an fruit at 5th position to the list : "Avocado"
3. slice the list from item 2 to 4 and display item at [-2]
4. Create two sets and display set Union and set Difference.
5. Create a Tuple and display item from 2 to 5.
6. Create a Dictionary and display a. Item Keys b. Item Values . Modify anyone Value, given a key

Quiz navigation

1 2

Finish review



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14:40
25-01-2022

Mark 1.00 out of
1.00

Flag question

2. Add an fruit at 5th position to the list : "Avocado"
3. slice the list from item 2 to 4 and display item at [-2]
4. Create two sets and display set Union and set Difference.
- 5.Create a Tuple and display item from 2 to 5.
6. Create a Dictionary and display a. Item Keys b. Item Values . Modify anyone Value, given a key

Mohnish Devaraj

Answer: (penalty regime: 0 %)

```
1 Dictionary = 0
2 List = 0
3 Tuple = 0
4
5 #Dictionary
6 dict = {'Python': 'x', 'IoT': 'y', 'DM': 'z'}
7 print(dict)
8 print(dict['Python'])
9 dict['python'] = 'a'
10 print(dict)
11 for i in dict:
12     print(i, dict[i])
13
14 # List
15 Fruits = ["Apple", "Banana", "Mango", "Orange", "Pineapple", "Kiwi", "Papaya", "Watermelon"]
16 print(Fruits)
17 Veg = ['carrot', 'beetroot', 'tomato', 'banana']
18 print(Veg)
19
20 # Tuple
21 Tup = ('almond', 'cashew', 'raisin', 'walnut', 'pistachio', 'dates')
22 print(Tup)
```



Type here to search



14:40
25-01-2022

25.01.2022_Practice Exercise _Pyti X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

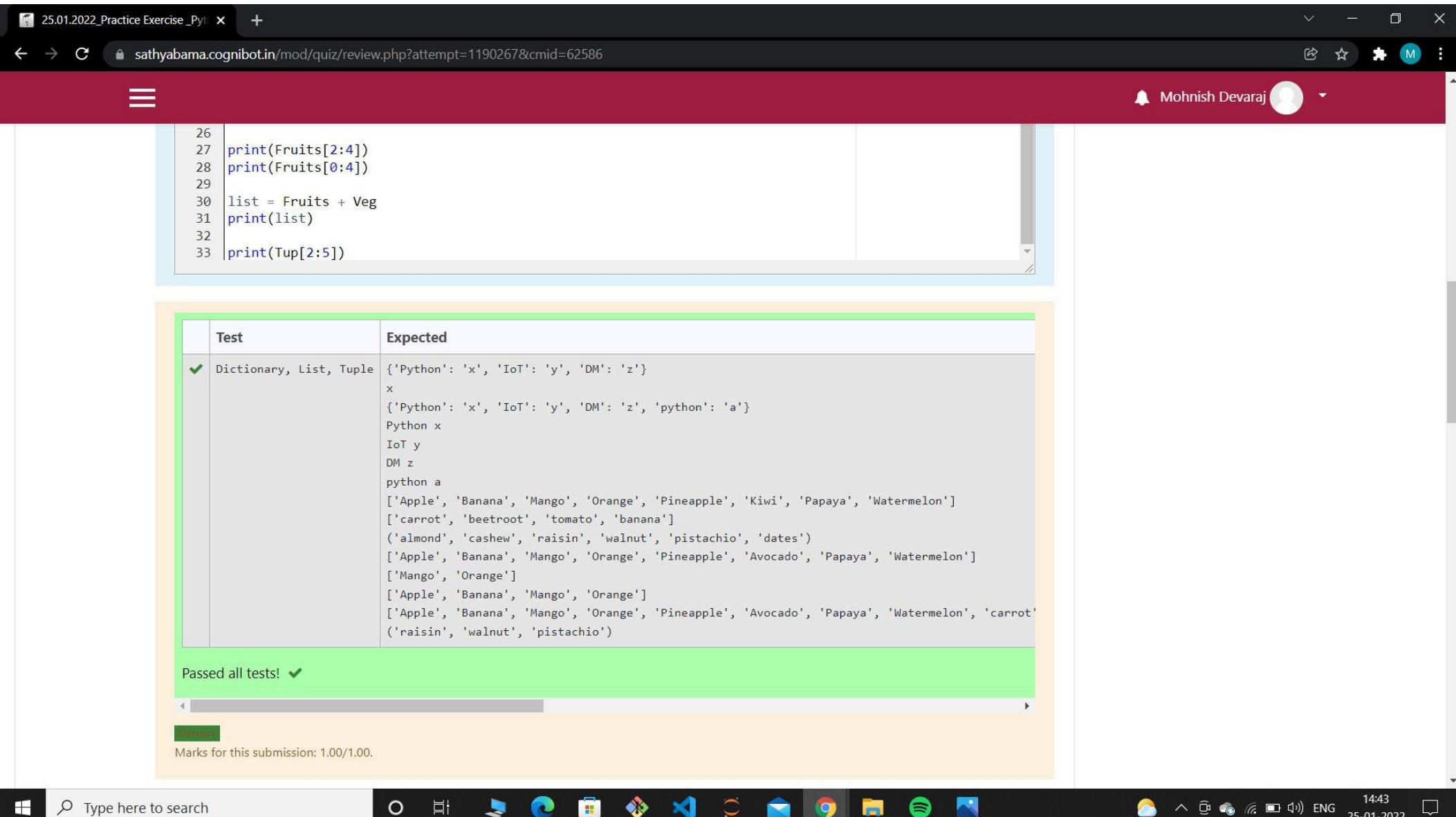
Mark 1.00 out of 1.00

Flag question

2. Add an fruit at 5th position to the list : "Avocado"
3. slice the list from item 2 to 4 and display item at [-2]
4. Create two sets and display set Union and set Difference.
5.Create a Tuple and display item from 2 to 5.
6. Create a Dictionary and display a. Item Keys b. Item Values . Modify anyone Value, given a key

Answer: (penalty regime: 0 %)

```
12     print(i, dict[i])
13
14 # List
15 Fruits = ["Apple", "Banana", "Mango", "Orange", "Pineapple", "Kiwi", "Papaya", "Watermelon"]
16 print(Fruits)
17 Veg = ['carrot', 'beetroot', 'tomato', 'banana']
18 print(Veg)
19
20 # Tuple
21 Tup = ('almond', 'cashew', 'raisin', 'walnut', 'pistachio', 'dates')
22 print(Tup)
23
24 Fruits[5] = 'Avocado'
25 print(Fruits)
26
27 print(Fruits[2:4])
28 print(Fruits[0:4])
29
30 list = Fruits + Veg
31 print(list)
32
33 print(Tup[2:5])
```



25.01.2022_Practice Exercise _Pyti X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

```
26 print(Fruits[2:4])
27 print(Fruits[0:4])
28
29 list = Fruits + Veg
30 print(list)
31
32 print(Tup[2:5])
```

ected

```
thon': 'x', 'IoT': 'y', 'DM': 'z'}
```

```
thon': 'x', 'IoT': 'y', 'DM': 'z', 'python': 'a'}
```

```
on x
y

on a
ple', 'Banana', 'Mango', 'Orange', 'Pineapple', 'Kiwi', 'Papaya', 'Watermelon']
rrrot', 'beetroot', 'tomato', 'banana']
mond', 'cashew', 'raisin', 'walnut', 'pistachio', 'dates')
ple', 'Banana', 'Mango', 'Orange', 'Pineapple', 'Avocado', 'Papaya', 'Watermelon']
ngo', 'Orange']
ple', 'Banana', 'Mango', 'Orange']
ple', 'Banana', 'Mango', 'Orange', 'Pineapple', 'Avocado', 'Papaya', 'Watermelon', 'carrot', 'beetroot', 'tomato', 'banana']
isin', 'walnut', 'pistachio')
```

Save

Marks for this submission: 1.00/1.00.



Type here to search



14:43
25-01-2022

25.01.2022_Practice Exercise _Pyti X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

```
26 print(Fruits[2:4])
27 print(Fruits[0:4])
28
29 list = Fruits + Veg
30 print(list)
31
32 print(Tup[2:5])
```

Got

```
{'Python': 'x', 'IoT': 'y', 'DM': 'z'}
x
{'Python': 'x', 'IoT': 'y', 'DM': 'z', 'python': 'a'}
Python x
IoT y
DM z
python a
['Apple', 'Banana', 'Mango', 'Orange', 'Pineapple', 'Kiwi', 'Papaya', 'Watermelon']
['carrot', 'beetroot', 'tomato', 'banana']
('almond', 'cashew', 'raisin', 'walnut', 'pistachio', 'dates')
['Apple', 'Banana', 'Mango', 'Orange', 'Pineapple', 'Avocado', 'Papaya', 'Watermelon']
['Mango', 'Orange']
(['Apple', 'Banana', 'Mango', 'Orange'])
(['Apple', 'Banana', 'Mango', 'Orange', 'Pineapple', 'Avocado', 'Papaya', 'Watermelon', 'carrot', 'beetroot', 'tomato', 'banana', 'raisin', 'walnut', 'pistachio'])
```

Score: 1.00/1.00.

25.01.2022_Practice Exercise _Pyti X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

```
26 print(Fruits[2:4])
27 print(Fruits[0:4])
28
29 list = Fruits + Veg
30 print(list)
31
32 print(Tup[2:5])
```

```
: 'x', 'IoT': 'y', 'DM': 'z'}
: 'x', 'IoT': 'y', 'DM': 'z', 'python': 'a'}
```

```
'Banana', 'Mango', 'Orange', 'Pineapple', 'Kiwi', 'Papaya', 'Watermelon']
, 'beetroot', 'tomato', 'banana']
, 'cashew', 'raisin', 'walnut', 'pistachio', 'dates')
'Banana', 'Mango', 'Orange', 'Pineapple', 'Avocado', 'Papaya', 'Watermelon']
'Orange']
'Banana', 'Mango', 'Orange']
'Banana', 'Mango', 'Orange', 'Pineapple', 'Avocado', 'Papaya', 'Watermelon', 'carrot', 'beetroot', 'tomato', 'banana']
, 'walnut', 'pistachio')
```

Save

Marks for this submission: 1.00/1.00.

25.01.2022_Practice Exercise _Pyti X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

Question 2

Correct

Mark 1.00 out of
1.00

Flag question

Write python code to , find the second highest value from the given input list.

Input: [6, 5, 2, 1, 6, 4]

Output: 5

Answer: (penalty regime: 0 %)

```
1 import sys
2
3 Case1,Case2,Case3=0,0,0
4
5 a = []
6
7 n=int(sys.stdin.readline())
8
9 for i in range (n):
10     x = int(sys.stdin.readline())
11     a.append(x)
12
13 a.sort();
14
15 print("Second highest element in list is : {}".format(a[-2]))
```

Test	Input	Expected	Got

25.01.2022_Practice Exercise _Pyti X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

	Test	Input	Expected	Got	
✓	Case1	7 12 45 58 98 100 45 10	Second highest element in list is : 98	Second highest element in list is : 98	✓
✓	Case2	7 10 15 20 25 10 15 30	Second highest element in list is : 25	Second highest element in list is : 25	✓
✓	Case3	7 12 18 5 68 45 12 45	Second highest element in list is : 45	Second highest element in list is : 45	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

25.01.2022_Practice Exercise _Pyti X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1190267&cmid=62586

Mohnish Devaraj

Passed all tests! ✓

Marks for this submission: 1.00/1.00.

Finish review

◀ 21.01.2022 Practice Lab Ex.Pandas Pre-Processing functions

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11.02.2022 _Practice Exercises_G 11.02.2022 _Practice Exercises_G X + sathyabama.cognibot.in/mod/quiz/review.php?attempt=1212695&cmid=63940

Mohnish Devaraj

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY)

ENGLISH (EN) ▾

SCSA2601-Machine Learning and Data Analytics Lab

Dashboard / My courses / ML and DA / VIRTUAL PROGRAMMING CSE C1& D1 / 11.02.2022 _Practice Exercises_Grocery Program_online C1

Started on Friday, 11 February 2022, 3:06 PM

State Finished

Completed on Friday, 11 February 2022, 3:08 PM

Time taken 1 min 37 secs

Marks 1.00/1.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Make a Grocery List for super market shopping with name, price and quantity; if the list already contains an item then only update the price and quantity it should not append the item name again. Ask user his/her budget initially and minus the budget after adding a new item in the list. If budgets go zero/0 then no more item could be bought and if some money left and user add item greater than budget left then inform "over price" or any other message. After the list is made any money left in the budget it should show an item within the budget from the list made.

Answer: (penalty regime: 0 %)

```
1 |print(1)
```

Quiz navigation

1
✓

Finish review



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30°C 15:08 11-02-2022 ENG

11.02.2022 _Practice Exercise_G X

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1212695&cmid=63940

Mohnish Devaraj

Question 1
Correct
Mark 1.00 out of 1.00
Flag question

Make a Grocery List for super market shopping with name, price and quantity; if the list already contains an item then only update the price and quantity it should not append the item name again. Ask user his/her budget initially and minus the budget after adding a new item in the list. If budgets go zero/0 then no more item could be bought and if some money left and user add item greater than budget left then inform "over price" or any other message. After the list is made any money left in the budget it should show an item within the budget from the list made.

Answer: (penalty regime: 0 %)

```
1 |print(1)
```

Type here to search

30°C 15:08 11-02-2022

11.02.2022 _Practice Exercise_G 11.02.2022 _Practice Exercise_G X +

sathyabama.cognibot.in/mod/quiz/review.php?attempt=1212695&cmid=63940

Mohnish Devaraj

	Input	Expected	Got
✓	1	1	1 ✓

Passed all tests! ✓

Content Marks for this submission: 1.00/1.00.

Finish review

◀ 25.01.2022 and 29.01.2022 Practice Exercise _Python Data Structures

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