

1. Write a Python program to find those numbers which are divisible by 7 and multiple of 5, between 1500 and 2700 (both included)

numbers = []

ANS:

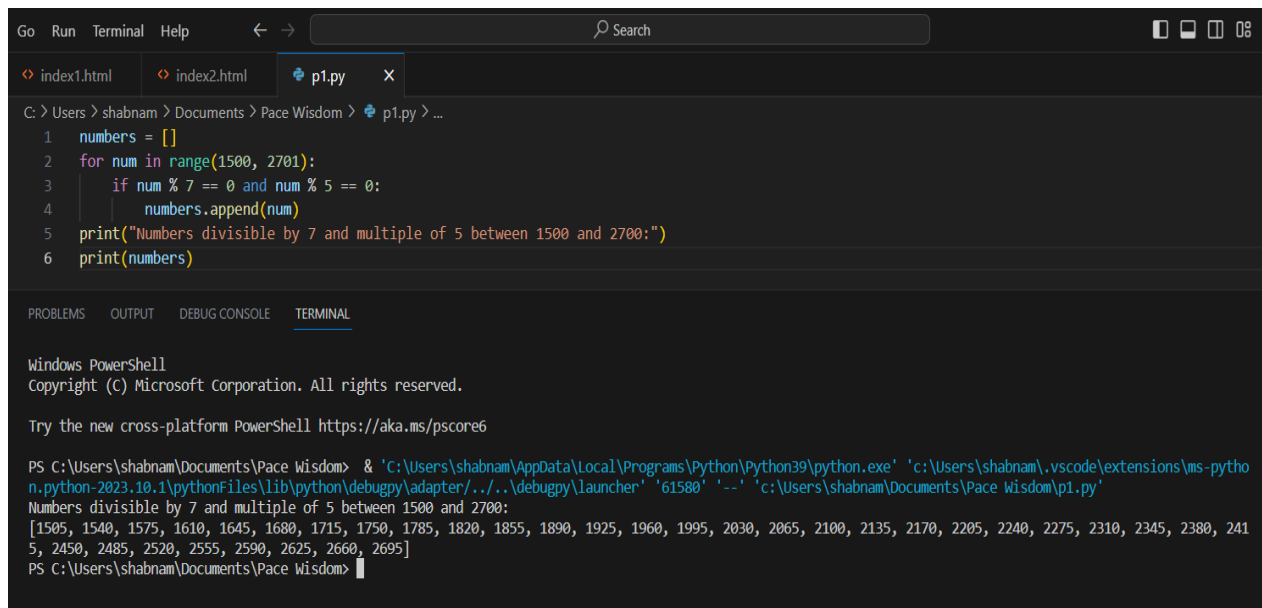
```
for num in range(1500, 2701)
```

```
    if num % 7 == 0 and num % 5 == 0:
```

```
        numbers.append(num)
```

```
print("Numbers divisible by 7 and multiple of 5 between 1500 and 2700:")
```

```
print(numbers)
```



The screenshot shows a VS Code editor with a file named `p1.py` open. The code in the editor is as follows:

```
1 numbers = []
2 for num in range(1500, 2701):
3     if num % 7 == 0 and num % 5 == 0:
4         numbers.append(num)
5 print("Numbers divisible by 7 and multiple of 5 between 1500 and 2700:")
6 print(numbers)
```

The terminal output shows the execution of the script:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\shabnam\Documents\Pace Wisdom> & 'C:\Users\shabnam\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-2023.10.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '61580' '--' 'c:\Users\shabnam\Documents\Pace Wisdom\p1.py'
Numbers divisible by 7 and multiple of 5 between 1500 and 2700:
[1505, 1540, 1575, 1610, 1645, 1680, 1715, 1750, 1785, 1820, 1855, 1890, 1925, 1960, 1995, 2030, 2065, 2100, 2135, 2170, 2205, 2240, 2275, 2310, 2345, 2380, 2415, 2450, 2485, 2520, 2555, 2590, 2625, 2660, 2695]
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

2. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.

Note : Use 'continue' statement.

Expected Output : 0 1 2 4 5

ANS:

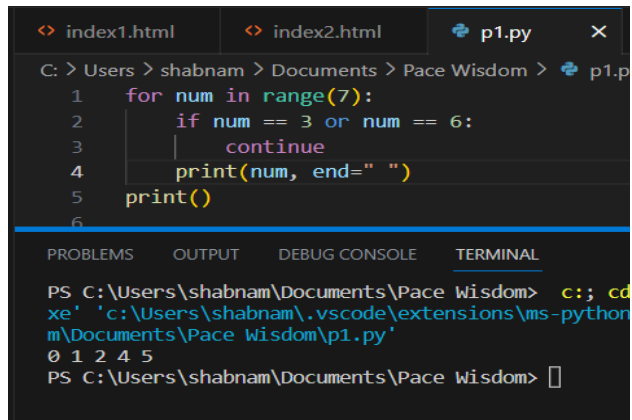
```
for num in range(7):
```

```
    if num == 3 or num == 6:
```

```
        continue
```

```
    print(num, end=" ")
```

```
print()
```



The screenshot shows a VS Code editor with three tabs: index1.html, index2.html, and p1.py. The p1.py tab is active, showing a Python script. Below the editor is a terminal window with the following content:

```
C: > Users > shabnam > Documents > Pace Wisdom > p1.p
1  for num in range(7):
2      if num == 3 or num == 6:
3          continue
4      print(num, end=" ")
5  print()
6
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd
xe" 'c:\Users\shabnam\.vscode\extensions\ms-python
m\Documents\Pace Wisdom\p1.py'
0 1 2 4 5
PS C:\Users\shabnam\Documents\Pace Wisdom> 
```

3. Write a Python program which iterates the integers from 1 to 50. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".

*Sample Output :*

fizzbuzz

1

2

fizz

4

Buzz

ANS:

```
for num in range(1, 51):
    if num % 3 == 0 and num % 5 == 0:
        print("FizzBuzz")
    elif num % 3 == 0:
        print("Fizz")
    elif num % 5 == 0:
        print("Buzz")
    else:
        print(num)
```

```
Go Run Terminal Help
index1.html index2.html p1.py x
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > ...
1 for num in range(1, 51):
2     if num % 3 == 0 and num % 5 == 0:
3         print("FizzBuzz")
4     elif num % 3 == 0:
5         print("Fizz")
6     elif num % 5 == 0:
7         print("Buzz")
8     else:
9         print(num)
10
11
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
m\Documents\Pace Wisdom\p1.py'
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
16
17
Fizz
19
Buzz
Fizz
22
23
Fizz
Buzz
26
Fizz
28
```

```
Fizz
28
29
FizzBuzz
31
32
Fizz
34
Buzz
Fizz
37
38
Fizz
Buzz
41
Fizz
43
44
FizzBuzz
46
47
Fizz
49
Buzz
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

4. Write a Python program to check a triangle is equilateral, isosceles or scalene.

Note :

An equilateral triangle is a triangle in which all three sides are equal.

A scalene triangle is a triangle that has three unequal sides.

An isosceles triangle is a triangle with two equal sides.

*Expected Output:*

Input lengths of the triangle sides:

x: 6

y: 8

z: 12

Scalene triangle

ANS:

```
x = float(input("Input length of the first side (x): "))
```

```
y = float(input("Input length of the second side (y): "))
```

```
z = float(input("Input length of the third side (z): "))
```

```
if x == y == z:
```

```
    print("Equilateral triangle")
```

```
elif x != y != z != x:
```

```
    print("Scalene triangle")
```

```
else:
```

```
    print("Isosceles triangle")
```

```
< index1.html    < index2.html    p1.py  X
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > [Enter] x
1  x = float(input("Input length of the first side (x): "))
2  y = float(input("Input length of the second side (y): "))
3  z = float(input("Input length of the third side (z): "))
4  if x == y == z:
5      print("Equilateral triangle")
6  elif x != y != z != z:
7      print("Scalene triangle")
8  else:
9      print("Isosceles triangle")
10
11

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL
PS C:\Users\shabnam\Documents\Pace Wisdom> c:: cd 'c:\Users\shabnam\Documents\Pace Wisdom'
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-2023.10.1\python\python.exe'
m\Documents\Pace Wisdom\p1.py'
Input length of the first side (x): 6
Input length of the second side (y): 6
Input length of the third side (z): 6
Equilateral triangle
PS C:\Users\shabnam\Documents\Pace Wisdom>
PS C:\Users\shabnam\Documents\Pace Wisdom> c:: cd 'c:\Users\shabnam\Documents\Pace Wisdom'
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-2023.10.1\python\python.exe'
m\Documents\Pace Wisdom\p1.py'
Input length of the first side (x): 6
Input length of the second side (y): 5
Input length of the third side (z): 6
Isosceles triangle
PS C:\Users\shabnam\Documents\Pace Wisdom>
PS C:\Users\shabnam\Documents\Pace Wisdom> c:: cd 'c:\Users\shabnam\Documents\Pace Wisdom'
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-2023.10.1\python\python.exe'
m\Documents\Pace Wisdom\p1.py'
Input length of the first side (x): 4
Input length of the second side (y): 5
Input length of the third side (z): 6
Scalene triangle
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

**5. Write a Python program to calculate the sum and average of n integer numbers (input from the user). Input 0 to finish**

ANS:

sum = 0

```
count = 0
```

```
while True:
```

```
num = int(input("Enter an integer number (enter 0 to finish): "))
```

```
if num == 0:
```

break

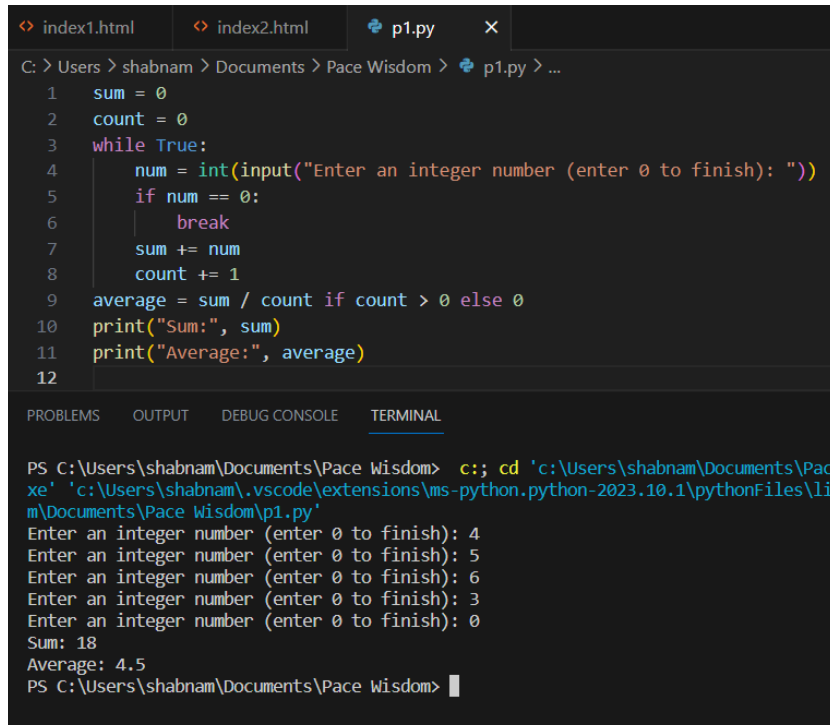
```
sum += num
```

```
count += 1
```

```
average = sum / count if count > 0 else 0
```

```
print("Sum:", sum)
```

```
print("Average:", average)
```



The screenshot shows a VS Code editor with a file named `p1.py` open. The code in the editor is as follows:

```
1 sum = 0
2 count = 0
3 while True:
4     num = int(input("Enter an integer number (enter 0 to finish): "))
5     if num == 0:
6         break
7     sum += num
8     count += 1
9 average = sum / count if count > 0 else 0
10 print("Sum:", sum)
11 print("Average:", average)
12
```

Below the editor, the TERMINAL panel shows the command prompt output:

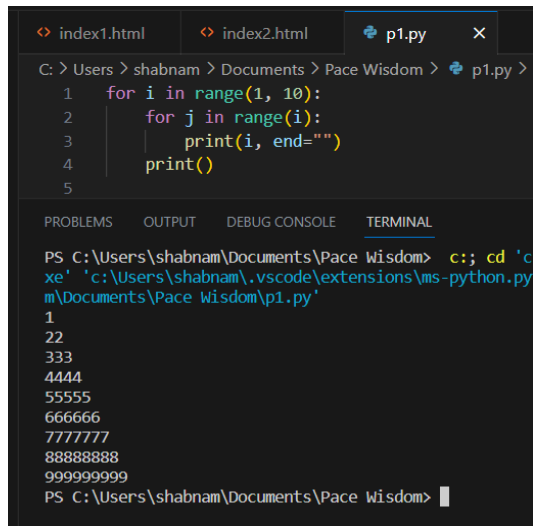
```
PS C:\Users\shabnam\Documents\Pace Wisdom> cd 'c:\Users\shabnam\Documents\Pace Wisdom'
PS C:\Users\shabnam\Documents\Pace Wisdom> python p1.py
Enter an integer number (enter 0 to finish): 4
Enter an integer number (enter 0 to finish): 5
Enter an integer number (enter 0 to finish): 6
Enter an integer number (enter 0 to finish): 3
Enter an integer number (enter 0 to finish): 0
Sum: 18
Average: 4.5
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

6. Write a Python program to construct the following pattern, using a nested loop number.

```
1
22
333
4444
55555
666666
7777777
88888888
999999999
```

ANS:

```
for i in range(1, 10):
    for j in range(i):
        print(i, end="")
    print()
```

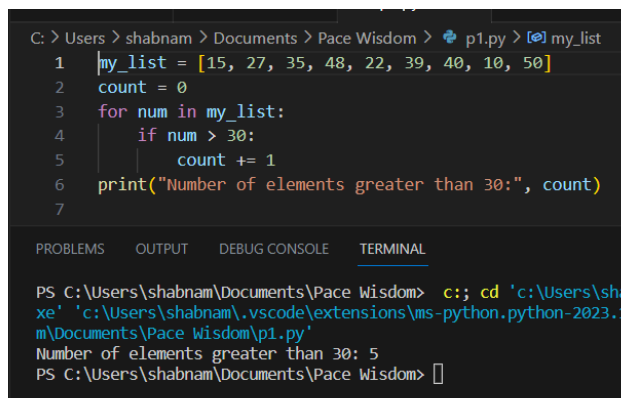


```
index1.html index2.html p1.py x
C: > Users > shabnam > Documents > Pace Wisdom > p1.py >
1   for i in range(1, 10):
2       for j in range(i):
3           print(i, end=" ")
4       print()
5
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\shabnam\Documents\Pace Wisdom> c:; cd 'c:\Users\shabnam\Documents\Pace Wisdom\p1.py'
1
22
333
4444
55555
666666
7777777
88888888
999999999
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

7. Write a Python program that counts the number of elements within a list that are greater than 30.

ANS:

```
my_list = [15, 27, 35, 48, 22, 39, 40, 10, 50]
count = 0
for num in my_list:
    if num > 30:
        count += 1
print("Number of elements greater than 30:", count)
```



```
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > my_list
1   my_list = [15, 27, 35, 48, 22, 39, 40, 10, 50]
2   count = 0
3   for num in my_list:
4       if num > 30:
5           count += 1
6   print("Number of elements greater than 30:", count)
7
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\shabnam\Documents\Pace Wisdom> c:; cd 'c:\Users\shabnam\Documents\Pace Wisdom\p1.py'
Number of elements greater than 30: 5
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

8. Take values of length and breadth of a rectangle from user and check if it is square or not.

ANS:

**9. A shop will give discount of 10% if the cost of purchased quantity is more than 1000.**

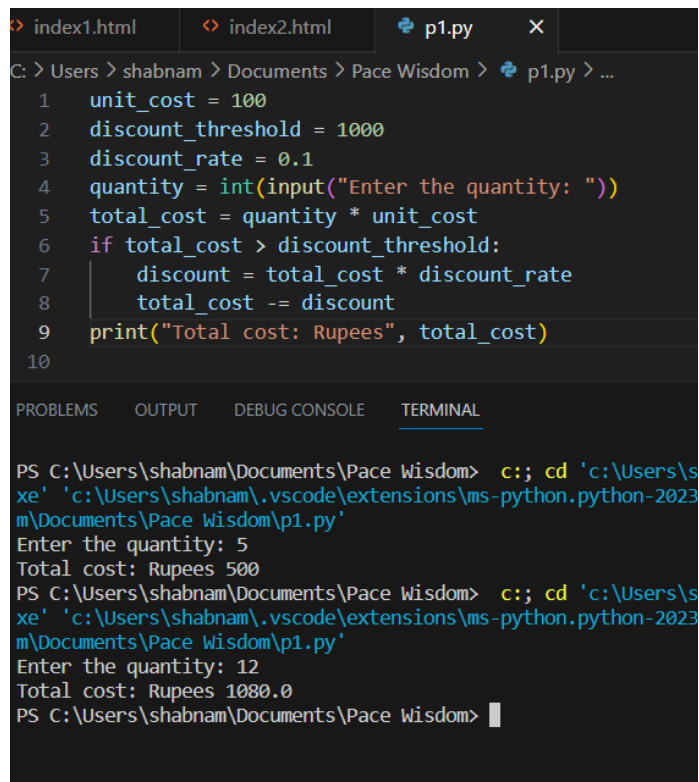
**Ask user for quantity**

**Suppose, one unit will cost 100.**

**Judge and print total cost for user.**

ANS:

```
unit_cost = 100
discount_threshold = 1000
discount_rate = 0.1
quantity = int(input("Enter the quantity: "))
total_cost = quantity * unit_cost
if total_cost > discount_threshold:
    discount = total_cost * discount_rate
    total_cost -= discount
print("Total cost: Rupees", total_cost)
```



The screenshot shows a Visual Studio Code editor with a file named `p1.py` open. The code in the file is as follows:

```
1 unit_cost = 100
2 discount_threshold = 1000
3 discount_rate = 0.1
4 quantity = int(input("Enter the quantity: "))
5 total_cost = quantity * unit_cost
6 if total_cost > discount_threshold:
7     discount = total_cost * discount_rate
8     total_cost -= discount
9 print("Total cost: Rupees", total_cost)
10
```

Below the editor, the TERMINAL panel shows the execution of the script. The user is in the directory `C:\Users\shabnam\Documents\Pace Wisdom`. The terminal output is:

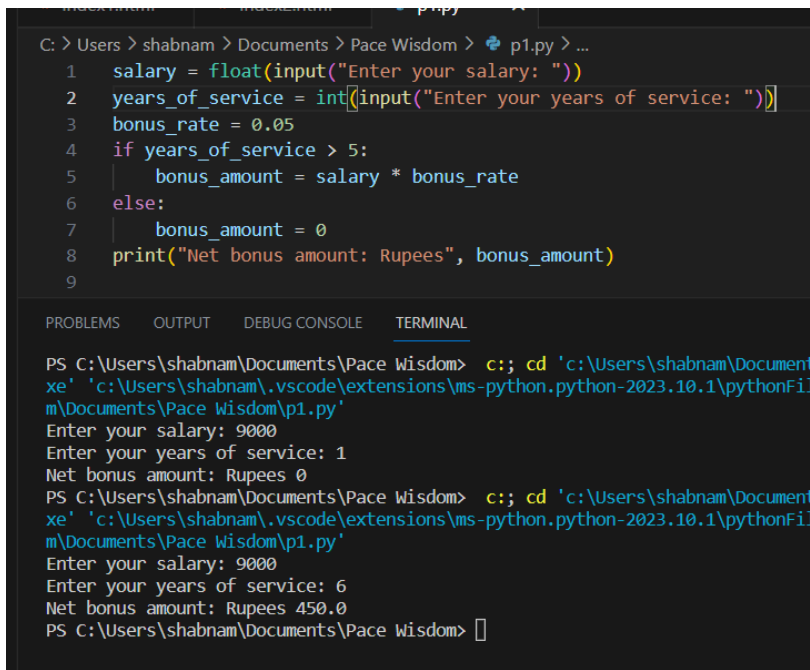
```
PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom'
Enter the quantity: 5
Total cost: Rupees 500
PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom'
Enter the quantity: 12
Total cost: Rupees 1080.0
PS C:\Users\shabnam\Documents\Pace Wisdom>
```



10. A company decided to give bonus of 5% to employee if his/her year of service is more than 5 years.  
Ask user for their salary and year of service and print the net bonus amount.

ANS:

```
salary = float(input("Enter your salary: "))
years_of_service = int(input("Enter your years of service: "))
bonus_rate = 0.05
if years_of_service > 5:
    bonus_amount = salary * bonus_rate
else:
    bonus_amount = 0
print("Net bonus amount: Rupees", bonus_amount)
```



The screenshot shows a code editor with a Python script named p1.py. The script prompts the user for salary and years of service, calculates a 5% bonus if service is more than 5 years, and prints the net bonus amount. Below the code, the terminal output shows two test cases: one with 1 year of service resulting in 0 bonus, and another with 6 years of service resulting in a 450.0 bonus on a salary of 9000.

```
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > ...
1 salary = float(input("Enter your salary: "))
2 years_of_service = int(input("Enter your years of service: "))
3 bonus_rate = 0.05
4 if years_of_service > 5:
5     bonus_amount = salary * bonus_rate
6 else:
7     bonus_amount = 0
8 print("Net bonus amount: Rupees", bonus_amount)
9

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom'
PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom'
Enter your salary: 9000
Enter your years of service: 1
Net bonus amount: Rupees 0
PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom'
Enter your salary: 9000
Enter your years of service: 6
Net bonus amount: Rupees 450.0
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

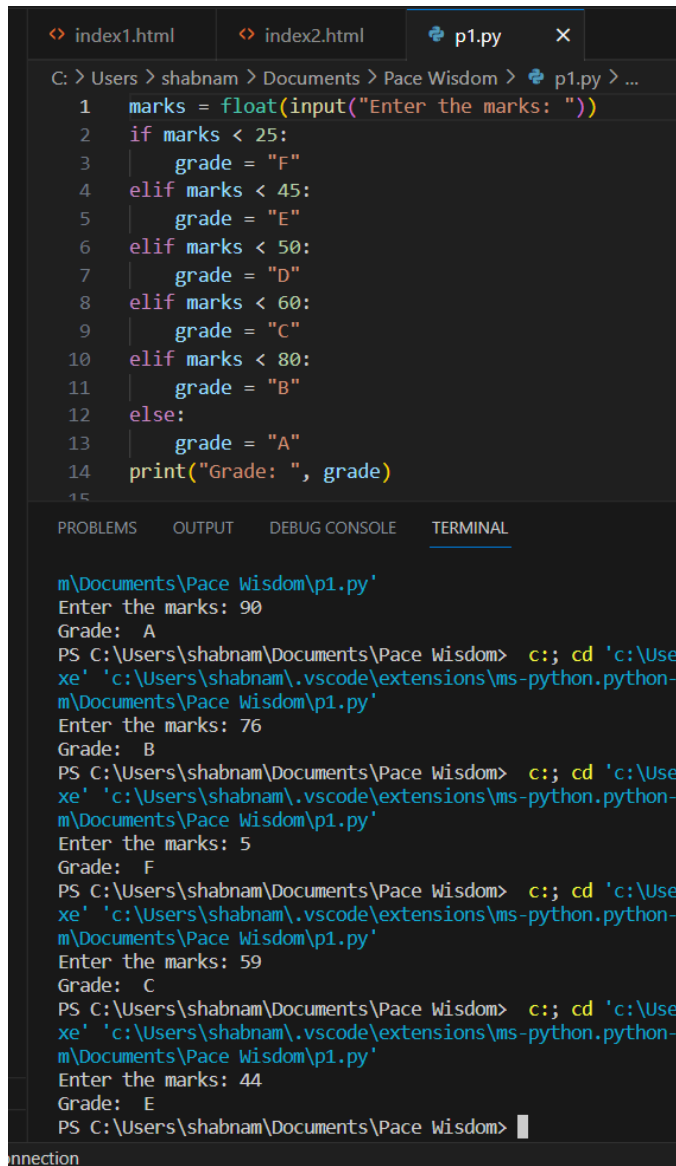
11. A school has following rules for grading system:

- a. Below 25 - F
- b. 25 to 45 - E
- c. 45 to 50 - D
- d. 50 to 60 - C
- e. 60 to 80 - B
- f. Above 80 - A

Ask user to enter marks and print the corresponding grade.

ANS:

```
marks = float(input("Enter the marks: "))
if marks < 25:
    grade = "F"
elif marks < 45:
    grade = "E"
elif marks < 50:
    grade = "D"
elif marks < 60:
    grade = "C"
elif marks < 80:
    grade = "B"
else:
    grade = "A"
print("Grade: ", grade)
```



```
index1.html index2.html p1.py X
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > ...
1 marks = float(input("Enter the marks: "))
2 if marks < 25:
3     grade = "F"
4 elif marks < 45:
5     grade = "E"
6 elif marks < 50:
7     grade = "D"
8 elif marks < 60:
9     grade = "C"
10 elif marks < 80:
11     grade = "B"
12 else:
13     grade = "A"
14 print("Grade: ", grade)
15

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
m\Documents\Pace Wisdom\p1.py'
Enter the marks: 90
Grade: A
PS C:\Users\shabnam\Documents\Pace Wisdom> c;; cd 'c:\Use
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-
m\Documents\Pace Wisdom\p1.py'
Enter the marks: 76
Grade: B
PS C:\Users\shabnam\Documents\Pace Wisdom> c;; cd 'c:\Use
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-
m\Documents\Pace Wisdom\p1.py'
Enter the marks: 5
Grade: F
PS C:\Users\shabnam\Documents\Pace Wisdom> c;; cd 'c:\Use
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-
m\Documents\Pace Wisdom\p1.py'
Enter the marks: 59
Grade: C
PS C:\Users\shabnam\Documents\Pace Wisdom> c;; cd 'c:\Use
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-
m\Documents\Pace Wisdom\p1.py'
Enter the marks: 44
Grade: E
PS C:\Users\shabnam\Documents\Pace Wisdom> |
```

12. A student will not be allowed to sit in exam if his/her attendance is less than 75%.

Take following input from user

Number of classes held

Number of classes attended.

And print

percentage of class attended

Is student is allowed to sit in exam or not.

ANS:

```
classes_held = int(input("Enter the number of classes held: "))
```

```
classes_attended = int(input("Enter the number of classes attended: "))
attendance_percentage = (classes_attended / classes_held) * 100
print("Percentage of classes attended: ", attendance_percentage)
if attendance_percentage >= 75:
    print("The student is allowed to sit in the exam.")
else:
    print("The student is not allowed to sit in the exam.")
```

```
> index1.html    > index2.html    > p1.py    X
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > ...
1  classes_held = int(input("Enter the number of classes held: "))
2  classes_attended = int(input("Enter the number of classes attended: "))
3  attendance_percentage = (classes_attended / classes_held) * 100
4  print("Percentage of classes attended: ", attendance_percentage)
5  if attendance_percentage >= 75:
6      print("The student is allowed to sit in the exam.")
7  else:
8      print("The student is not allowed to sit in the exam.")
9

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL
PS C:\Users\shabnam\Documents\Pace Wisdom> c:: cd 'c:\Users\shabnam\Documents\Pace Wisdom'
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-2023.10.1\pythonFiles\lib\pytho
m\Documents\Pace Wisdom\p1.py'
Enter the number of classes held: 100
Enter the number of classes attended: 60
Percentage of classes attended: 60.0
The student is not allowed to sit in the exam.
PS C:\Users\shabnam\Documents\Pace Wisdom> c:: cd 'c:\Users\shabnam\Documents\Pace Wisdom'
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.python-2023.10.1\pythonFiles\lib\pytho
m\Documents\Pace Wisdom\p1.py'
Enter the number of classes held: 100
Enter the number of classes attended: 79
Percentage of classes attended: 79.0
The student is allowed to sit in the exam.
PS C:\Users\shabnam\Documents\Pace Wisdom> 
```

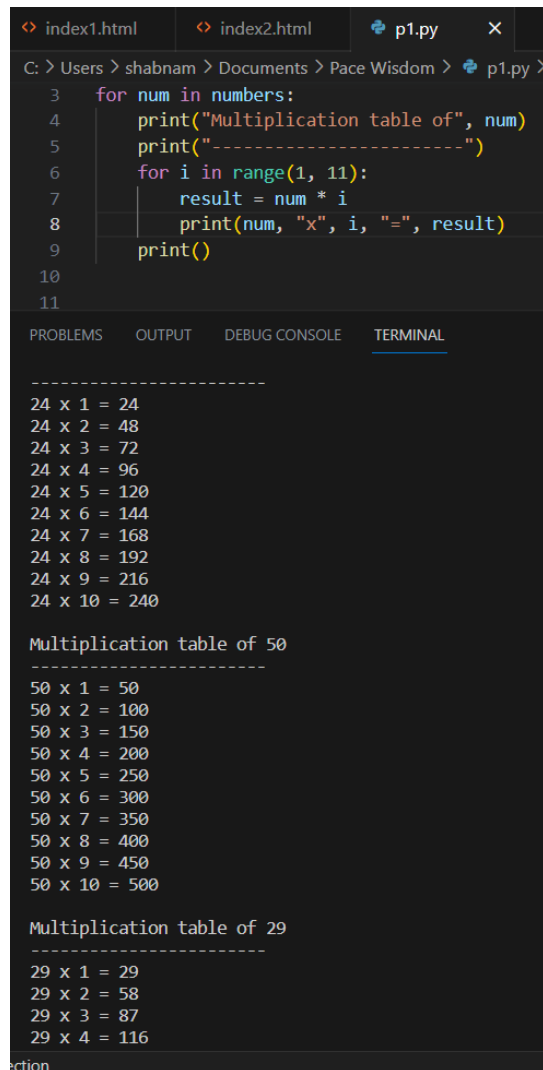
13. Take 10 integers from keyboard using loop and print their average value on the screen.

**ANS:**

```
total = 0
for i in range(10):
    num = int(input("Enter an integer: "))
    total += num
average = total / 10
print("Average value: ", average)
```

14. Print multiplication table of 24, 50 and 29 using loop.

ANS:



The screenshot shows a code editor with three tabs: index1.html, index2.html, and p1.py. The p1.py tab is active, displaying a Python script. The script uses a for loop to iterate over a list of numbers (24, 50, 29) and prints their multiplication tables. The output is shown in the terminal window at the bottom, which has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, and TERMINAL. The terminal output shows the multiplication tables for 24, 50, and 29, each preceded by a header line and a separator line.

```
3 for num in numbers:
4     print("Multiplication table of", num)
5     print("-----")
6     for i in range(1, 11):
7         result = num * i
8         print(num, "x", i, "=", result)
9     print()
10
11
```

-----

24 x 1 = 24  
24 x 2 = 48  
24 x 3 = 72  
24 x 4 = 96  
24 x 5 = 120  
24 x 6 = 144  
24 x 7 = 168  
24 x 8 = 192  
24 x 9 = 216  
24 x 10 = 240

Multiplication table of 50  
-----

50 x 1 = 50  
50 x 2 = 100  
50 x 3 = 150  
50 x 4 = 200  
50 x 5 = 250  
50 x 6 = 300  
50 x 7 = 350  
50 x 8 = 400  
50 x 9 = 450  
50 x 10 = 500

Multiplication table of 29  
-----

29 x 1 = 29  
29 x 2 = 58  
29 x 3 = 87  
29 x 4 = 116

15. Take integer inputs from user until he/she presses q ( Ask to press q to quit after every integer input ). Print average and product of all numbers.

ANS:

```
index1.html  index2.html  p1.py  X
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > ...
3     user_input = input("Enter an integer (press 'q' to quit): ")
4     if user_input == 'q':
5         break
6     number = int(user_input)
7     numbers.append(number)
8     if numbers:
9         average = sum(numbers) / len(numbers)
10        product = 1
11        for number in numbers:
12            product *= number
13        print("Average: ", average)
14        print("Product: ", product)
15    else:
16        print("No numbers were entered.")
17
18
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom\p1.py'
Enter an integer (press 'q' to quit): 4
Enter an integer (press 'q' to quit): 5
Enter an integer (press 'q' to quit): 6
Enter an integer (press 'q' to quit): 6
Enter an integer (press 'q' to quit): 7
Enter an integer (press 'q' to quit): q
Average:  5.6
Product:  5040
PS C:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom\p1.py'
Enter an integer (press 'q' to quit): 45
Enter an integer (press 'q' to quit): 67
Enter an integer (press 'q' to quit): 5
Enter an integer (press 'q' to quit): q
Average:  39.0
Product:  15075
PS C:\Users\shabnam\Documents\Pace Wisdom> 
```

16. Take inputs from user to make a list. Again take one input from user and search it in the list and delete that element, if found. Iterate over list using for loop.

17. Using **range(1,101)**, make three list,
1. one containing all even numbers
  2. one containing all odd numbers
  3. One containing only prime numbers..

18. From the two list obtained in previous question, make new lists, containing only numbers which are divisible by 4, 6, 8, 10, 3, 5, 7 and 9 in separate lists.

19. From a list containing ints, strings and floats, make three lists to store them separately



The image shows a Visual Studio Code editor window with a file named `p1.py` open. The script defines a mixed list and then iterates through it, separating the elements into three lists based on their data type. The terminal output shows the execution of the script, displaying the contents of the three lists.

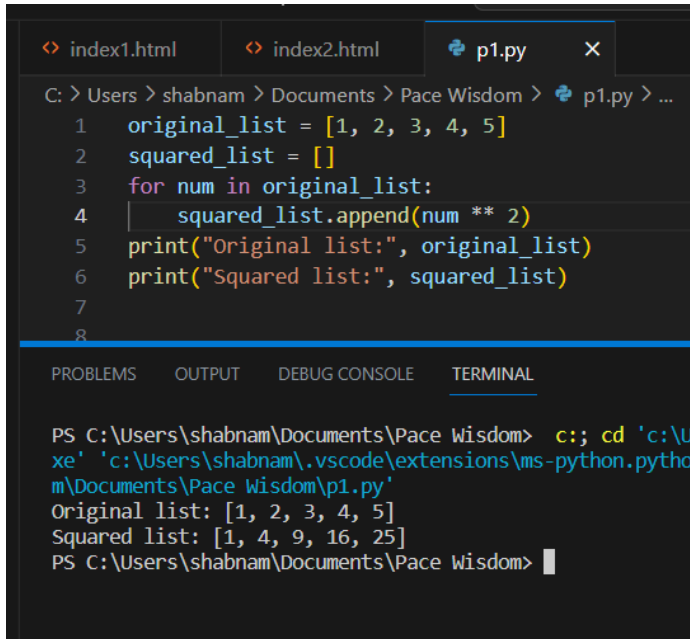
```
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > ...  
1 mixed_list = [1, 'apple', 3.14, 'banana', 5, 7.8, 'carrot']  
2  
3 int_list = []  
4 float_list = []  
5 str_list = []  
6  
7 for item in mixed_list:  
8     if isinstance(item, int):  
9         int_list.append(item)  
10    elif isinstance(item, float):  
11        float_list.append(item)  
12    elif isinstance(item, str):  
13        str_list.append(item)  
14  
15 print("Integers:", int_list)  
16 print("Floats:", float_list)  
17 print("Strings:", str_list)  
18
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS C:\Users\shabnam\Documents\Pace Wisdom> c:\Users\shabnam\Documents\Pace Wisdom> c::; cd 'c:\Users\shabnam\Documents\Pace Wisdom' & python p1.py  
Integers: [1, 5]  
Floats: [3.14, 7.8]  
Strings: ['apple', 'banana', 'carrot']  
PS C:\Users\shabnam\Documents\Pace Wisdom>
```

20. You are given with a list of integer elements. Make a new list which will store square of elements of previous list.

ANS:



The screenshot shows a VS Code editor with three tabs: index1.html, index2.html, and p1.py. The p1.py tab is active, displaying a Python script. Below the editor, the TERMINAL panel is open, showing the command prompt output of the script.

```
C: > Users > shabnam > Documents > Pace Wisdom > p1.py > ...  
1 original_list = [1, 2, 3, 4, 5]  
2 squared_list = []  
3 for num in original_list:  
4     squared_list.append(num ** 2)  
5 print("Original list:", original_list)  
6 print("Squared list:", squared_list)  
7  
8
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS C:\Users\shabnam\Documents\Pace Wisdom> c:: cd 'c:\U  
xe' 'c:\Users\shabnam\.vscode\extensions\ms-python.pytho  
m\Documents\Pace Wisdom\p1.py'  
Original list: [1, 2, 3, 4, 5]  
Squared list: [1, 4, 9, 16, 25]  
PS C:\Users\shabnam\Documents\Pace Wisdom>
```