



main.py



Save

Run

Output

Clear

```
1  # Write a program to find the factorial of a number using function
2  # Python program to find
3  # factorial of given number
4  import math
5  def fact(n):
6      return(math.factorial(n))
7
8  num = int(input("Enter the number:"))
9  f = fact(num)
10 print("Factorial of", num, "is", f)
11
```

```
Enter the number:3
Factorial of 3 is 6
> |
```



JS

GO

php





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```
1  # Write a program to print even numbers using continue statement
2  # Python program to print Even Numbers in given range
3
4  start = int(input("Enter the start of range: "))
5  end = int(input("Enter the end of range: "))
6
7  # iterating each number in list
8  for num in range(start, end + 1):
9
10     # checking condition
11     if num % 2 == 0:
12         print(num, end=" ")
13
```

Enter the start of range: 1

Enter the end of range: 78

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76
78 > |

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Ruin

Output

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```

1 # Write a program to demonstrate list,tuple,set and dictionary
2 # Python3 program for explaining
3 # use of list, tuple, set and
4 # dictionary
5
6 # Lists
7 l = []
8
9 # Adding Element into list
10 l.append(5)
11 l.append(10)
12 print("Adding 5 and 10 in list", l)
13
14 # Popping Elements from list
15 l.pop()
16 print("Popped one element from list", l)
17 print()
18
19 # Set
20 s = set()
21
22 # Adding element into set
23 s.add(5)
24 s.add(10)
25 print("Adding 5 and 10 in set", s)
26
27 # Removing element from set
28 s.remove(5)
29 print("Removing 5 from set", s)
30 print()
31
32 # Tuple
33 t = tuple(l)
34
35 # Tuples are immutable
36 print("Tuple", t)
37 print()
38
39 # Dictionary
40 d = {}
41
42 # Adding the key value pair
43 d[5] = "Five"
44 d[10] = "Ten"
45 print("Dictionary", d)
46
47 # Removing key-value pair
48 del d[10]
49 print("Dictionary", d)
50
51

```

```
Adding 5 and 10 in list [5, 10]
Popped one element from list [5]
```

```
Adding 5 and 10 in set {10, 5}
Removing 5 from set {10}
```

Tuple (5,)

```
Dictionary {5: 'Five', 10: 'Ten'}
Dictionary {5: 'Five'}
```



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```
1  # Write a program to count number of vowels in a strings
2  string=input("Enter string:")
3  vowels=0
4  for i in string:
5      if(i=='a' or i=='e' or i=='i' or i=='o' or i=='u' or i=='A' or i=='E' or i=='I' or i=='O' or i
        =='U'):
6          vowels=vowels+1
7  print("Number of vowels are:")
8  print(vowels)
9
10
```

Enter string:Samiya

Number of vowels are:

3

>



JS

GO

php

