

1940223_2022-01-11 (revision)

March 28, 2022

1 Multiplication table generator

```
[19]: n = int(input("Input integer for multiplication table: "))  
      for i in range(1, 11): print(n, "*", i, "=", n*i)
```

```
Input integer for multiplication table: 14  
14 * 1 = 14  
14 * 2 = 28  
14 * 3 = 42  
14 * 4 = 56  
14 * 5 = 70  
14 * 6 = 84  
14 * 7 = 98  
14 * 8 = 112  
14 * 9 = 126  
14 * 10 = 140
```

2 Program to add elements to a list

```
[15]: def addElement(li):  
      li.append(input("Add element: "))  
      print(li)  
  
      li = list()  
      while True:  
          print("-----")  
          print("Enter 1 to add element")  
          print("Enter 2 to view list")  
          print("Enter x to exist")  
          option = input(">> ")  
  
          if option == '1': addElement(li)  
          elif option == '2': print(li)  
          elif option == 'x': break
```

```
-----  
Enter 1 to add element
```

```
Enter 2 to view list
Enter x to exist
>> 1
Add element: 3
['3']
-----
Enter 1 to add element
Enter 2 to view list
Enter x to exist
>> 1
Add element: 23
['3', '23']
-----
Enter 1 to add element
Enter 2 to view list
Enter x to exist
>> 1
Add element: abc
['3', '23', 'abc']
-----
Enter 1 to add element
Enter 2 to view list
Enter x to exist
>> x
```