Assignment3_1.py

```python
print("Dynamic in list")
arr=list()#object of list

num=input("Enter how many element you want->>")
print("Enter number in array:")
# Iterate the for loop to accept N numbers

for i in range(0,int(num)):
        #enter individual number from user
        no=input("num:")

        #insert that element into list
        arr.append(int(no))



print("Entered elements are : ",arr)
print("Addition of Elements are",sum(arr))
```
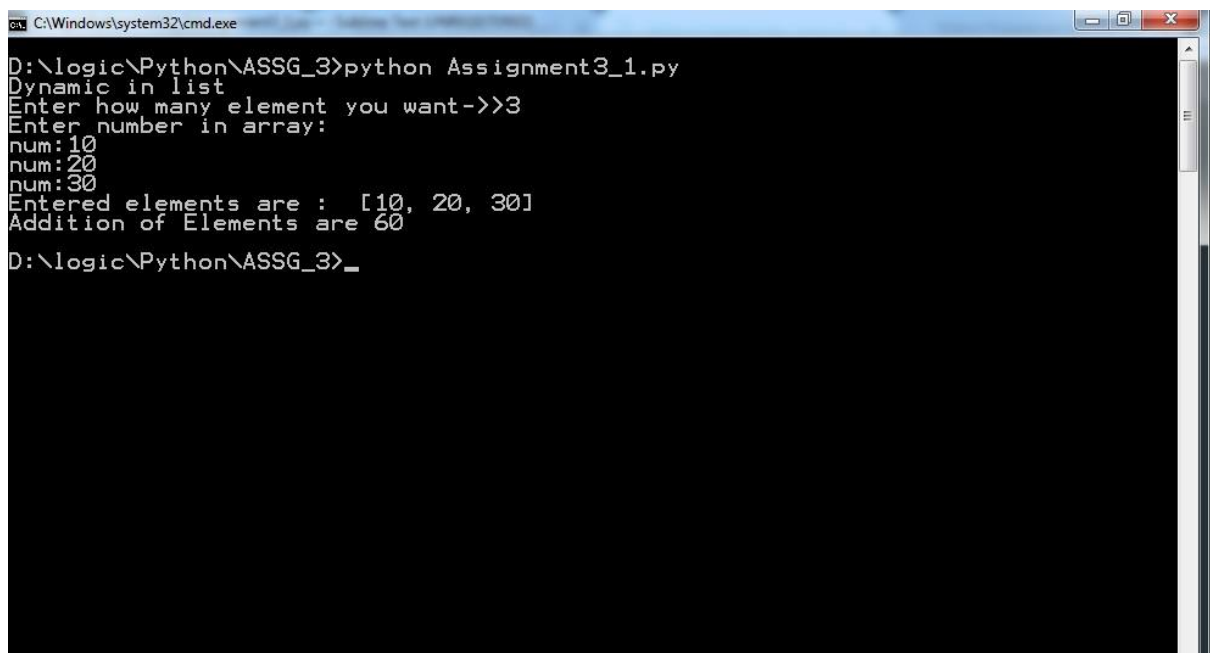
```
C:\Windows\system32\cmd.exe

D:\logic\Python\ASSG_3>python Assignment3_1.py
Dynamic in list
Enter how many element you want->>3
Enter number in array:
num:10
num:20
num:30
Entered elements are :  [10, 20, 30]
Addition of Elements are 60

D:\logic\Python\ASSG_3>_
```

Assignment3_2.py

```python
#2.Write a program which accept N numbers from user and store it into List. Return Maximum
#number from that List.
#print("Input : Number of elements : 7")
#print("Input Elements : 13 5 45 7 4 56 34")
#print("Output : 56")
arr = list()
# Ask the user about the number of elements
num = input("Enter how many elements you want:")
print ("Enter numbers in array: ")
# Iterate the for loop to accept N numbers
for i in range(0,int(num)):
# Accept individual element from user
        no = input("num :")
# Insert that element into List
        arr.append(int(no))
        #arr.sort(int(no))
print ("Entered elements are",arr)


def Maximum(arr):
        max=0
        i=0
        for i in arr:
                if i >= max:
                        max=i
        return max
#print("Maximum value from the List->",max)
ret=Maximum(arr)
print("Maximum value from the List->",ret)
```

```
C:\Windows\system32\cmd.exe

D:\logic\Python\ASSG_3>python Assignment3_2.py
Enter how many elements you want:7
Enter numbers in array:
num :13
num :5
num :45
num :7
num :4
num :56
num :34
Entered elements are [13, 5, 45, 7, 4, 56, 34]
Maximum value from the List-> 56

D:\logic\Python\ASSG_3>
```

Assignment3_3.py

#3.Write a program which accept N numbers from user and store it into List. Return Minimum

#number from that List.

#Input : Number of elements : 4

#Input Elements : 13 5 45 7

#Output : 5

arr=list()

num =input("Enter how many element you want:")

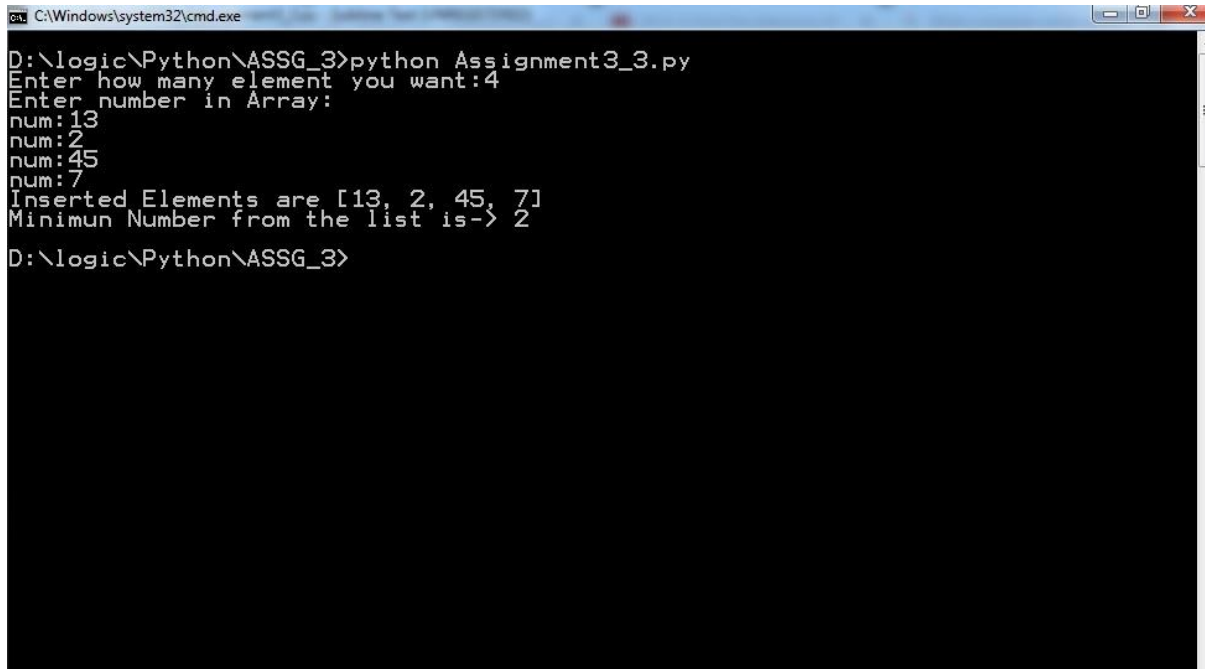print("Enter number in Array:")

for i in range(0,int(num)):

    no=input("num:")

    arr.append(int(no))

print("Inserted Elements are",arr)

Minimun=min(arr)

print("Minimun Number from the list is->",Minimun)

Assignment3_4.py

#4.Write a program which accept N numbers from user and store it into List. Accept one another

#number from user and return frequency of that number from List.

#Input : Number of elements : 11

#Input Elements : 13 5 45 7 4 56 5 34 2 5 65

#Element to search : 5

#Output : 3

arr=list()

num=input("Enter how many element you want:")

print("Enter the number in list:")

def Freq(arr,no1):

    count1 = 0

```python
        for i in arr:
                if (i == no1):
                        count1=count1+1
        return count1


for i in range(0,int(num)):
        no=input("num:")
        arr.append(int(no))
        #arr.sort()


print("Inserted element in the List:",arr)


#print("enter the element tobe search",input((num)))


#print("Enter the element",no1)
no1=input("Eneter the element to find the frequency ->")


ret=Freq(arr,no1)
print("frequency of element ",no1,"is->",ret)
```

Assignment3_5.py

```python
#5.Write a program which accept N numbers from user and store it into
List. Return addition of all
#prime numbers from that List. Main python file accepts N numbers from
user and pass each
#number to ChkPrime() function which is part of our user defined module
named as
#MarvellousNum. Name of the function from main python file should be
ListPrime().
#Input : Number of elements : 11
#Input Elements : 13 5 45 7 4 56 10 34 2 5 8
```

#Output : 54 (13 + 5 + 7 +2 + 5)

from Marvellous_import import *

def ListPrime(brr):

  addition=0;
  for i in brr:
    bret=ChkPrime(i);
    if(bret==True):
      addition+=i
  return addition;

arr= list();

N=input("Enter Number of elements in the array: ");

print("Enter elements in the array");

for i in range(0,int(N)):
  element=input("Element : ");
  arr.append(int(element));

ret=ListPrime(arr);
print(ret);

Marvellous_import.py

```python
def ChkPrime(number):
    flag=True;
    for i in range(2,(number)):
        if((number%i)==0):
            flag=False
            break;

    return flag;
```