

## REFERENCE

## *Program to input array from keyboard*

```
a = []
```

```
while True:
```

```
    k = input("Enter Data = ")
```

```
    if k == 'e':
```

```
        break
```

```
    else:
```

```
        a.append(int(k))
```

```
print("Array is",a)
```

### **Output:**

Enter Data = 1

Enter Data = 2

Enter Data = 3

Enter Data = e

Array is [1, 2, 3]

## *Program to input array from keyboard and addition of all elements in array*

```
a = []

while True:
    k = input("Enter Data = ")
    if k == 'e':
        break
    else:
        a.append(int(k))

print("Array is",a)

sum1 = 0

for i in a:
    sum1 = sum1 + i

print("Sum is",sum1)
```

### **Output:**

Enter Data = 1

Enter Data = 2

Enter Data = 3

Enter Data = e

Array is [1, 2, 3]

Sum is 6

## Program to identify prime no.

```
p = int(input("Enter the no. = "))

if p > 1:
    for i in range(2,p):
        if p%i == 0:
            print(p,"is not prime no.")
            break
    else:
        print(p,"is prime no.")
else:
    print(1,"is not prime no.")
```

### Output:

Enter the no. = 4

4 is not prime no.

## **Practice problems**

**solve: wap to input array from keyboard and multiplication of all the elements in the array**

**solve: wap to print all the prime numbers from 1 to 100 in an array**