

Program 1

Solution:

```
#include <stdio.h>
void main()
{
    int i,n,sum=0;
    float avg;
    printf("Input the 10 numbers : \n");
    for (i=1;i<=10;i++)
    {
        printf("Number-%d :",i);

        scanf("%d",&n);
        sum +=n;
    }
    avg=sum/10.0;
    printf("The sum of 10 no is : %d\n Average is : %f\n",sum,avg);
}
```

Sample output

```
Input the 10 numbers :
Number-1 :1
Number-2 :2
Number-3 :3
Number-4 :4
Number-5 :5
Number-6 :6
Number-7 :7
Number-8 :8
Number-9 :9
Number-10 :10
The sum of 10 no is : 55
The Average is : 5.500000
```

Program 2

```
list1 = [5, 10, 15, 20, 25, 50, 20]
```

```
the first index  
index = list1.index(20)
```

```
update item at location  
list1[index] = 200  
print(list1)
```

output

```
list1 = [5, 20, 15, 20, 25, 50, 20]
```

```
while 20 in list1:  
    list1.remove(20)  
print(list1)
```