PYTHON: ASSIGNMENT 02

PROBLEM STATEMENT 1:

Given a list of numbers

```
filenames = ['view.jpg', 'bear.jpg', 'ball.png']
```

Write a program Add the file 'phone.jpg' to this list at the beginning. Then delete the file 'ball.png'. In response, print the filenames list to the console.

Expected Output

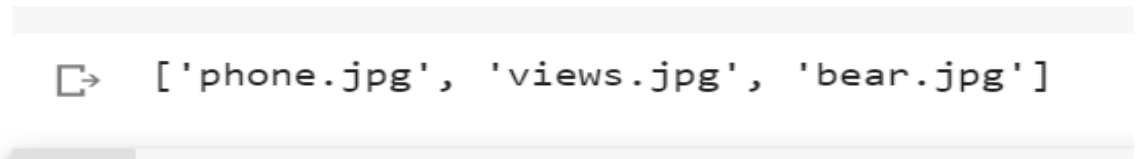
```
['phone.jpg', 'view.jpg', 'bear.jpg']
```

CODE:

```
filenames=['views.jpg','bear.jpg','ball.png']
filenames.insert(0,'phone.jpg')
A=filenames.remove('ball.png')
print(filenames)
```

EXECUTION:

OUTPUT:



PROBLEM STATEMENT 2:

Given a list of numbers

```
L = [1,2,3,4,5,6,7,8,9,10]
```

Write a program to find the maximum,minimum and average element in a given list without using ***max***

CODE:

```
L=[1,2,3,4,5,6,7,8,9,10]
L.sort()
print("THE MIN VALUE IN THE LIST IS:", L[0])
print("THE MAX VALUE IN THE LIST IS:", L[-1])
average=sum(L)/len(L)
print("THE AVG VALUE IN THE LIST IS:", average)
```

EXECUTION:

```
0s
L=[1,2,3,4,5,6,7,8,9,10]
L.sort()
print("In the given List:", L)
print("THE MIN VALUE IN THE LIST IS:", L[0])
print("THE MAX VALUE IN THE LIST IS:", L[-1])
average=sum(L)/len(L)
print("THE AVG VALUE IN THE LIST IS:", average)

In the given List: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
THE MIN VALUE IN THE LIST IS: 1
THE MAX VALUE IN THE LIST IS: 10
THE AVG VALUE IN THE LIST IS: 5.5
```

OUTPUT:

```
In the given List: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
THE MIN VALUE IN THE LIST IS: 1
THE MAX VALUE IN THE LIST IS: 10
THE AVG VALUE IN THE LIST IS: 5.5
```