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Solution : Problem 2

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"""
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```
Problem Statement : To accept N numbers from user. Compute and display maximum in list , minimum in list , sum and average of numbers.
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"""
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```
lst = []
```

```
How_many_numbers = int(input("Enter how many number you want to insert in a list :"))
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```
print("Please insert the number in a list :")
```

```
for i in range(0, How_many_numbers):
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```
    Numbers = int(input())
```

```
    lst.append(Numbers)
```

```
print("The numbers entered by user in a list is :", lst)
```

```
def Choose_Operation():
```

```
    operation = (input("Please select the operation that you want to perform : \n 1. Minimum() \n 2. Maximum() \n 3. Sum() \n 4. average() \nPlease Enter Your Choise :"))
```

```
    if operation == '1':
```

```
        Find_Minimum()
```

```
    elif operation == '2':
```

```
        Find_Maximum()
```

```
    elif operation == '3':
```

```
        Find_Sum()
```

```
    elif operation == '4':
```

```
        Find_Average()
```

```
    else
```

```
        print("\nError! Please enter a valid input")
```

```
        again()
```

```
def Find_Maximum():

    maximum_number = max(lst)
    print("The minimum number from the list =", maximum_number)

def Find_Minimum():

    minimum_number = min(lst)
    print("The minimum number from the list =", minimum_number)

def Find_Sum():

    Total = 0
    for element in lst:
        Total = Total + element

    print("The sum of numbers from the list =", Total)

def Find_Average():

    Total = 0
    for element in lst:
        Total = Total + element

    Average = Total/len(lst)
    print("The Average of numbers from the list =", Average)

def again():

    cal_again = input("Do you want to calculate again ?
\nPlease type y for YES and n for NO :")

    if cal_again == "y":

        print("\nHii, Again !!!")
        Choose_Operation()

    elif cal_again == "n":
        print("See you later !!!")

    else:
        again()

Choose_Operation()
```