A.Y 2021-22 PUC-II SEMESTER –II
Python Programming Lab experiments
Experiment: 4

Write a program that takes input for the following instructions and displays the output.

1. First take the empty list as "**L**"
   Displaying the menu like this by choosing every option
   ******
   a - to add an element
   p - to print the list
   v - find the average of the list of values
   r - to remove an element
   m - to find minimum
   q - quit

2. Add elements to the empty list by choosing the option "**a"**
3. Remove an element by choosing the option "r" based on given element
4. Print the list by choosing the option "p"
5. Print average of the list by choosing "v"
6. Quit the list by choosing the option "q"
7. If you choose "m" it should find the minimum element from the list without predefined function
8. If you try to remove any element from the empty list. It must display the message "List should contain at least one element!!!"

Sample input:

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a - to add an element
p - to print the list
v - find the average of the list of values
r - to remove an element
m - to find minimum
q - quit

Please enter your choice: a
Enter the element to add:

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a - to add an element
p - to print the list
v - find the average of the list of values
r - to remove an element
m - to find minimum
q - quit

Please enter your choice: p
Print the list elements.

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a - to add an element
p - to print the list
v - find the average of the list of values
r - to remove an element
m - to find minimum
q - quit

Please enter your choice: v
Print average of the list

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a - to add an element
p - to print the list
v - find the average of the list of values
r - to remove an element
m - to find minimum
q - quit

Please enter your choice: r
Enter the index value to remove the element
You should check whether the element is removed from the list by choosing the option "**p**"

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a - to add an element
p - to print the list
v - find the average of the list of values
r - to remove an element
m - to find minimum
q - quit

Please enter your choice: m
Print the minimum element of the list.

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a - to add an element
p - to print the list
v - find the average of the list of values
r - to remove an element
m - to find minimum
q - quit

Please enter your choice: q
End of the program.