Q1

```
shubham@shubhamIsWorking:~/Refresher/DSA/Assiggnment-2$ ./Q1
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandTextEditor
Enter input""
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandaddText
Enter inputworkcode
w pushed to stack
o pushed to stack
r pushed to stack
k pushed to stack
c pushed to stack
o pushed to stack
d pushed to stack
e pushed to stack
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commanddeleteText
Enter input4
e popped from stack
d popped from stack
o popped from stack
c popped from stack
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandaddText
```

```
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandaddText
Enter inputpractice
p pushed to stack
r pushed to stack
a pushed to stack
c pushed to stack
t pushed to stack
i pushed to stack
c pushed to stack
e pushed to stack
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandcursorRight
Enter input3
e popped from stack
c popped from stack
i popped from stack
t popped from stack
c popped from stack
a popped from stack
r popped from stack
p popped from stack
k popped from stack
r popped from stack
r pushed to stack
k pushed to stack
```

```
r pushed to stack
p popped from stack
p pushed to stack
k popped from stack
r popped from stack
o popped from stack
w popped from stack
w pushed to stack
o pushed to stack
r pushed to stack
k pushed to stack
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commanddeleteText
Enter input10
k popped from stack
r popped from stack
o popped from stack
w popped from stack
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandcursorLeft
Enter input2
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandcursorRight
Enter input6
p popped from stack
```

```
r popped from stack
r pushed to stack
k pushed to stack
p pushed to stack
r pushed to stack
a pushed to stack
c pushed to stack
t pushed to stack
i pushed to stack
c pushed to stack
e pushed to stack
press y to continue, n to show results
y
Enter command, enter TextEditor if its the first commandcursorLeft
Enter input8
e popped from stack
e pushed to stack
c popped from stack
c pushed to stack
i popped from stack
i pushed to stack
t popped from stack
t pushed to stack
c popped from stack
c pushed to stack
a popped from stack
a pushed to stack
r popped from stack
```

```
p pushed to stack
r popped from stack
r pushed to stack
a popped from stack
a pushed to stack
c popped from stack
c pushed to stack
t popped from stack
t pushed to stack
i popped from stack
i pushed to stack
i popped from stack
t popped from stack
c popped from stack
a popped from stack
r popped from stack
p popped from stack
p pushed to stack
r pushed to stack
a pushed to stack
c pushed to stack
t pushed to stack
i pushed to stack
press y to continue, n to show results
n
null
null
4
```

```
null
rkpractice
work
4

practi
```

Q2

```
shubham@shubhamIsWorking:~/Refresher/DSA/Assiggnment-2$ ./Q2
enter the array size7
enter the window size3
enter the elements1
2
3
4
3
2
1
3 4 4 4 3shubham@shubhamIsWorking:~/Refresher/DSA/Assiggnment-2$ ./Q2
enter the array size5
enter the window size2
enter the elements5
4
3
2
1
5 4 3 2shubham@shubhamIsWorking:~/Refresher/DSA/Assiggnment-2$ 
```

Q3

```
shubham@shubhamIsWorking:~/Refresher/DSA/Assiggnment-2$ ./Q3
enter command LRUCache to initialiseLRUCache
enter cache capacity2
continue y abort ny
enter commandput
enter key1
enter value1
continue y abort ny
enter commandput
enter key2
enter value2
continue y abort ny
enter commandget
enter key1
continue y abort ny
enter commandput
enter key3
enter value3
continue y abort ny
enter commandget
enter key2
continue y abort ny
enter commandput
enter key4
enter value4
continue y abort ny
enter commandget
enter key1
continue y abort ny
enter commandget
enter key3
continue y abort ny
enter commandget
```

```
enter key4
continue y abort nn
null
null
null
1
null
-1
null
-1
3
4
shubham@shubhamIsWorking:~/Refresher/DSA/Assiggnment-2$
```