

Question-1

```
jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q1$ ./shell.sh

Java files compiled and Header file created

Shared library created

</*****>
*****/>

>>> Output <<<<

Enter String to check :
racecar
The Entered String is a Palindrome

</*****>
*****/>

jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q1$
```

Question2&3

```
jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q2andQ3$ ./shell.sh

Java files compiled and Header file created

Shared library created

</*****>
*****/>

>>> Program Running <<<<

Enter Size of Array :
5
Enter Array :
2
3
1
6
4
The Sorted Array is :
1 2 3 4 6

</*****>
*****/>

jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q2andQ3$
```

Question-4

```
jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q4$ ./shell.sh

Java files compiled and Header file created

Shared library created

</*****>

>>> Program Running <<<<

Enter Name : 
jagadesh
Enter University:
vnit
Enter Branch :
cse
Enter City :
nagpur
Enter Pin Code :
44010

** Printing Student Details **

** From Class Static Method **

City : nagpur
Pin Code : 44010

** From Object Method **

Name : jagadesh
University : vnit
Branch : cse
```

Question-5

```
Activities Terminal Sep 12 09:18 jagadesh@jagadesh: ~/java/SL_ASSIGN_2/A2_Q5
jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q5$ ./shell.sh

Java files compiled and Header file created

Shared library created

</*****>

>>> Program Running <<<<

** Student Details **

Name : Jagadesh
University : VNIT
Branch : CSE
City : Nagpur
Pin Code : 44010

Enter New Details for Student:

Enter Name : kumar
Enter University: nit tirchy
Enter Branch : ece
Enter City : Tirchy
Enter Pin Code : 62001

** Student Details Updated!**

** Student Details **

Name : kumar
University : nit tirchy
Branch : ece
City : Tirchy
Pin Code : 62001

</*****>

jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q5$
```

Question-6:

```
jagadesh@jagadesh: ~/java/SL_ASSIGN_2/A2_Q6
jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q6$ ./shell.sh

Java files compiled and Header file created

Shared library created

</*****>

>>> Program Running <<<<

Enter 1 for Division by 0, 2 for Null Pointer Exception, 3 to exit, :
1
Exception in thread "main" java.lang.ArithmeticException: / by zero
    at ExceptionHandling.division(ExceptionHandling.java:14)
    at ExceptionHandling.divideby0(Native Method)
    at ExceptionHandling.main(ExceptionHandling.java:32)
java.lang.ArithmeticException: Division by 0, Arithmetic Exception thrown from C++

Enter 1 for Division by 0, 2 for Null Pointer Exception, 3 to exit, :
2
Exception in thread "main" java.lang.NullPointerException
    at ExceptionHandling.stringLength(ExceptionHandling.java:18)
    at ExceptionHandling.nullPtr(Native Method)
    at ExceptionHandling.main(ExceptionHandling.java:41)
java.lang.NullPointerException: Null Pointer Exception thrown from C++

Enter 1 for Division by 0, 2 for Null Pointer Exception, 3 to exit, :
3

</*****>

jagadesh@jagadesh:~/java/SL_ASSIGN_2/A2_Q6$
```