Assignment No 4

1. Write a program in java to handle below exceptions
   a. Divide by Zero
   b. Array Index Out Of Bound
   c. Number Format
   d. Null Pointer

2. Write a program in java to handle custom exception with single try block and multiple catch block.

3. Write a program in java to show the use of finally keyword.

4. Write a program in java for handling exceptions with nested try block.

5. Write a program in java for custom exception to check speed of car on highway, if speed exceeds 120Km/hr then throw a 'Speed Limit Exceeded' exception. (use throw)

6. Differentiate in between throw and throws keyword.

7. Explain exception handling mechanism.

8. Write a program in java for handling checked exceptions using throws keyword.