1. Write a program to demonstrate the use of try, catch, finally throw and throws keywords and demonstrate the following points in the program.

   a) Multiple catch blocks.
   b) try-catch-finally combination.
   c) try-finally combination.
   d) Exception propagation among many methods.
   e) Nested try blocks

2. Write a program to throw a checked exception explicitly using 'throw' keyword and

   a) Handle the exception in same method.
   b) use throws clause and handle the exception in some other method (calling method)
   c) Don't either handle or use the throws clause.

3. Write a program to throw an unchecked exception explicitly using 'throw' keyword and

   a) Handle the exception in same method.
   b) use throws clause and handle the exception in some other method (calling method)
   c) Don't either handle or use the throws clause.

4. Write a program in which main method calls the foo method which calls the bar method. Bar method is capable of throwing a checked exception. Use throws for throwing the exception from bar. Don't handle exception in bar using try catch. Let the calling function handle the same.

5. Create a User defined exception – LoanNotApprovedException. In case the given criteria of Loan approval doesn't match, the exception must be thrown. The criteria's for Loan approval are as mentioned below:
   a. The Loan amount applied should not be greater than the maximum eligible Loan amount.
   b. In case of Home Loan and Vehicle Loans, the LTV should not be more than 80%.
   c. In case of Personal Loan, the person should be salaried professional, the salary must be more than 5 lac per annum and experience should be greater than 5 years.
   d. DBR should be less than 40%.
   e. In case of Home Loan, the tenure must be upto when the customer reaches 60 years of age.

   The exception should specifically give details about the mismatched criteria because of which the loan could not be approved.