LAB ASSIGNMENT 9

1. Write a C++ program to demonstrate the use of try, catch block with the argument as an integer and string using multiple catch blocks.

2. Create User defined exception to check the following conditions and throw the exception if the criterion does not meet.
   a) User has age between 18 and 55
   b) User stays has income between Rs. 50,000 – Rs. 1,00,000 per month
   c) User stays in Pune/ Mumbai/ Bangalore / Chennai
   d) User has 4-wheeler

   Accept age, Income, City, Vehicle from the user and check for the conditions mentioned above. If any of the condition not met then throw the exception.

3. Write a C++ program to perform arithmetic operations on two numbers and throw an exception if the dividend is zero or does not contain an operator.

4. Write a program to implement the exception handling with re-throwing in exception.

5. Write a program to implement the exception handling with the functionality of testing the throw restrictions.

6. Write a C++ program to accept user name and password and throw an exception if the password has less than 6 characters or does not contain a digit.