Exception Handling

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. Write a C++ program to demonstrate try, throw and catch statements.
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 C++ program to accept an email address and throw an exception if it does not contain @ symbol.
5. Write a C++ program to accept a mobile number and throw an exception if it does not contain 10 digits.
6. Write a C++ program to accept area pin code and throw an exception if it does not contain 6 digits.
7. Write a C++ program to accept a username if the username has less than 6 characters or does contain any digit or special symbol.
8. Write a C++ program to accept a password and throw an exception if the password has less than 6 characters or does not contain a digit or does not contain any special character or does not contain any capital letter.
9. Write a C++ program to accept Gmail id only and throw an exception if the id does not contain @ and gmail.com.
10. Write a C++ program to accept Nickname and throw an exception if it has greater than 8 characters or does contain a digit or special symbol or space.