OBJECT ORIENTED PROGRAMMING

ASSIGNMENT NO: 5

Create User defined exception to check the following conditions and throw the exception if the criterion does not meet.

a. User stays in Pune/ Mumbai/ Bangalore / Chennai

b. User has 4-wheeler

City, Vehicle from the user and check for the conditions mentioned above. If any of the condition not met then throw the exception. if user does not enter proper input throw the exception.

Theory:-

C++ provides following specialized keywords for this purpose.

try: represents a block of code that can throw an exception.

catch: represents a block of code that is executed when a particular exception is thrown.

throw: Used to throw an exception. Also used to list the exceptions that a function throws, but doesn’t handle itself.

Output:-

Enter the city: pune

Enter the vehicle(2/4): 4

City is Perfect

Vehicle is Perfect

Enter the city: chandrapur

Enter the vehicle(2/4): 1

Exception caught in city

Exception caught in vehicle