**ASSIGNMENT 5**

**PROBLEM STATEMENT:**

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.

**AIM OF ASSIGNMENT:**

C++ Program to implement and understand the concepts of Exception Handling. Using the try, throw and catch keyword, throw an exception if user inputs invalid choice.

**DESCRIPTION:**

In this program, firstly we have created a function to check whether the user has entered valid city. In the main function, we have used the try block to take the inputs from the user and check whether it is according to the specified conditions, if not then throw an exception using the throw keyword. In switch case, we have used the catch block to catch the thrown exception from the try block accordingly.

**OOP CONCEPT USED:**

* Exception Handling:
* Try keyword
* Throw keyword
* Catch keyword

**CONCLUSION:**

Hence, we learnt the concept of Exception Handling and implemented the three keywords, i.e., try, throw and catch.