***Problem Statement***

Write a standalone java program that accepts car’s details and calculate the effective insurance premium after applying the rules. The system should provide functionality to add more than one car i.e. Once the details of first car is entered it should display a message saying:

“***Do you want to enter details of any other car (y/n):”***

**Input**

1. Car Model
2. Car Type
3. Car cost price
4. Insurance type

Input should be accepted with following command line options:

***-model*** <Car model>

***-type*** <Car type>

***-price*** <Car cost price>

**-*insurance Type*** <Type of Insurance>

Car Type can have 3 possible values ***Hatchback***, ***Sedan*** and ***SUV*** and insurance premium calculation rules for 3 types are as follows:

* ***Hatchback:*** 5% of Car cost price
* ***Sedan:*** 8% of Car cost price
* ***SUV:*** 10% of Car cost price

Insurance Type can have 2 possible values ***Basic*** and ***Premium***. If Insurance Type entered is Premium, increase the premium value by 20% of the value calculated from car type.

Example:

If car cost price is ₹1000000 and Car type is ***Sedan***.

The insurance premium will be 8% of ₹1000000 = ₹80000.

Now, if insurance type is ***Premium***,

the actual premium to be paid will be ₹80000 + 20% of ₹80000 = ₹96000.