CAR PRICE ESTIMATOR:

This application estimates the price of the car based on your input conditions. The application asks three questions- age of car, gas mileage and features of the car, based on which it gives the estimate of the price of the car.

Test cases:

```
<terminated> CarEstimator [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.0_121.jdk/Contents/Home/bi
FuzzyVariable -> carAge [ 0.0, 10.0 ] Car Age
Terms:
  old -> { 0/0 1/4 }
  new -> [ 1/7 0/10 ]
  average -> { 0/4 1/6 0/7 }

Please enter Car Age- a number from 0.0 to 10.0
0.0-4.0 => Old :: 4.0-7.0 => Average :: 7.0-10.0 => New
6
Please enter Car mileage-a number from 0.0 to 10.0
0.0-4.0 =>Low  :: 4.0-7.0 => Medium :: 7.0-10.0 =>High
6
Please enter Car Features-a number from 0.0 to 10.0
0.0-4.0 =>Light :: 4.0-7.0 => Average :: 7.0-10.0 => Heavy
6

Summary:

FuzzyVariable         -> price [ 0.0, 10.0 ] Possible price of car
Linguistic Expression -> low
FuzzySet              -> [ 0/0 1/4 ]

RESULT
The price will be Low
```

```
<terminated> CarEstimator [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.0_121.jdk/Contents/Hom
FuzzyVariable -> carAge [ 0.0, 10.0 ] Car Age
Terms:
  old -> { 0/0 1/4 }
  new -> { 1/7 0/10 }
  average -> | 0/4 1/6 0/7 |

Please enter Car Age- a number from 0.0 to 10.0
0.0-4.0 => Old :: 4.0-7.0 => Average :: 7.0-10.0 => New
9
Please enter Car mileage-a number from 0.0 to 10.0
0.0-4.0 =>Low  :: 4.0-7.0 => Medium :: 7.0-10.0 =>High
1
Please enter Car Features-a number from 0.0 to 10.0
0.0-4.0 =>light :: 4.0-7.0 => Average :: 7.0-10.0 => Heavy
10

Summary:

FuzzyVariable         -> price [ 0.0, 10.0 ] Possible price of car
Linguistic Expression -> Low
FuzzySet              -> { 0/0 1/4 }

RESULT
The price will be High
```