Insurance Rate

Problem Description:

The GoodHands Insurance Agency determines auto insurance rates based in the driver's age, ticket history, and the value of the car. The base rate is 6% of the car value. Male drivers under the age of 25 pay an extra 17%, and female drivers under the age of 21 pay an extra 4% of the base charge. A driver with more than three tickets pays an extra $100. Write a function that calculates insurance charge rates based on this information. To test this function write a program that uses this function to calculate insurance rates for information inputted by the user

Output answers in decimal form to two places. Your program should allow the user to repeat this calculation as often as the user wishes.

Example Output:

```
Enter the value of the car: 12000
Enter the age of the driver : 30
Enter the sex of the driver (M or F): m
Enter the number of tickets on the drivers record : 0

The insurance rate is $720.00.

Would you like to run the program again (Y or N)? n
```

Required Test Cases:

```
Value = 15000, Age = 24, Sex = m, Tickets = 4
Value = 8500, Age = 25, Sex = m, Tickets = 3
Value = 35900, Age = 45, Sex = f, Tickets = 0
Value = 900, Age = 21, Sex = f, Tickets = 0
Value = 12000, Age = 20, Sex = f, Tickets = 4
Value = 23000, Age = 38, Sex = m, Tickets = 7
```

Skills:

●Var ●Con I/O   ●Format   ●Logic   ●Loops ●Functions   ○Call by Ref ○File I/O ○Arrays ○Strings ○GM