Write a python program to calculate the mileage of the respective vehicle. The program should be menu driven program

* Function which gets all the input for mileage calculation and the variables are id, passenger capacity, fuel type.
* function to calculate the mileage of the respective vehicle
* Function to display the more mileage diesel car details of Tata.
* function to display the car details of model 2005 with passenger capacity>5

**Sample Input and Output:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Vehicle\_id** | **passengercapacity** | **fueltype** | **model** | **manufacturer** | **mileage** |
| 1 | V1 | 5 | Petrol | 2008 | Maruthi | 18 |
| 2 | V2 | 4 | Diesel | 2013 | Tata | 14 |
| 3 | V3 | 8 | Diesel | 2005 | Tata | 16 |
| 4 | V4 | 9 | Diesel | 2005 | Nissan | 11 |

Menu:

1.      Diesel Tata Car

2.      2005 model car with more than 5 passengers

Enter  Your Choice:  1

S.No  Vehicle\_id       passengercapacity  fueltype  model     manufacturer

   1                 V3                  8                           Diesel          2005       Tata

Do u want to continue   (Y/N)  :  Y

Enter  Your Choice: 2

S.No  Vehicle\_id       passengercapacity  fueltype  model     manufacturer

   3                 V3                  8                           Diesel          2005       Tata

  4                  V4                  9                            Diesel       2005          Nissan

Do u want to continue (Y/N)  :   N