**Assignment 8**

**Design a Car model class under package :package5 with the following attributes:**

**Member Field Name Type**

**licenceNumber String**

**Model String**

**currentMileage Double**

**engineSize Integer**

**Mark all the attributes as private & Create default & parameterized constructors.**

**Design another class as Main under package :package5, where you need to implement logic as follows:**

**· Declare an array as Car with size N , where N is to be accepted from user.**

**· Take N Car’s information from user and store them in specified array.**

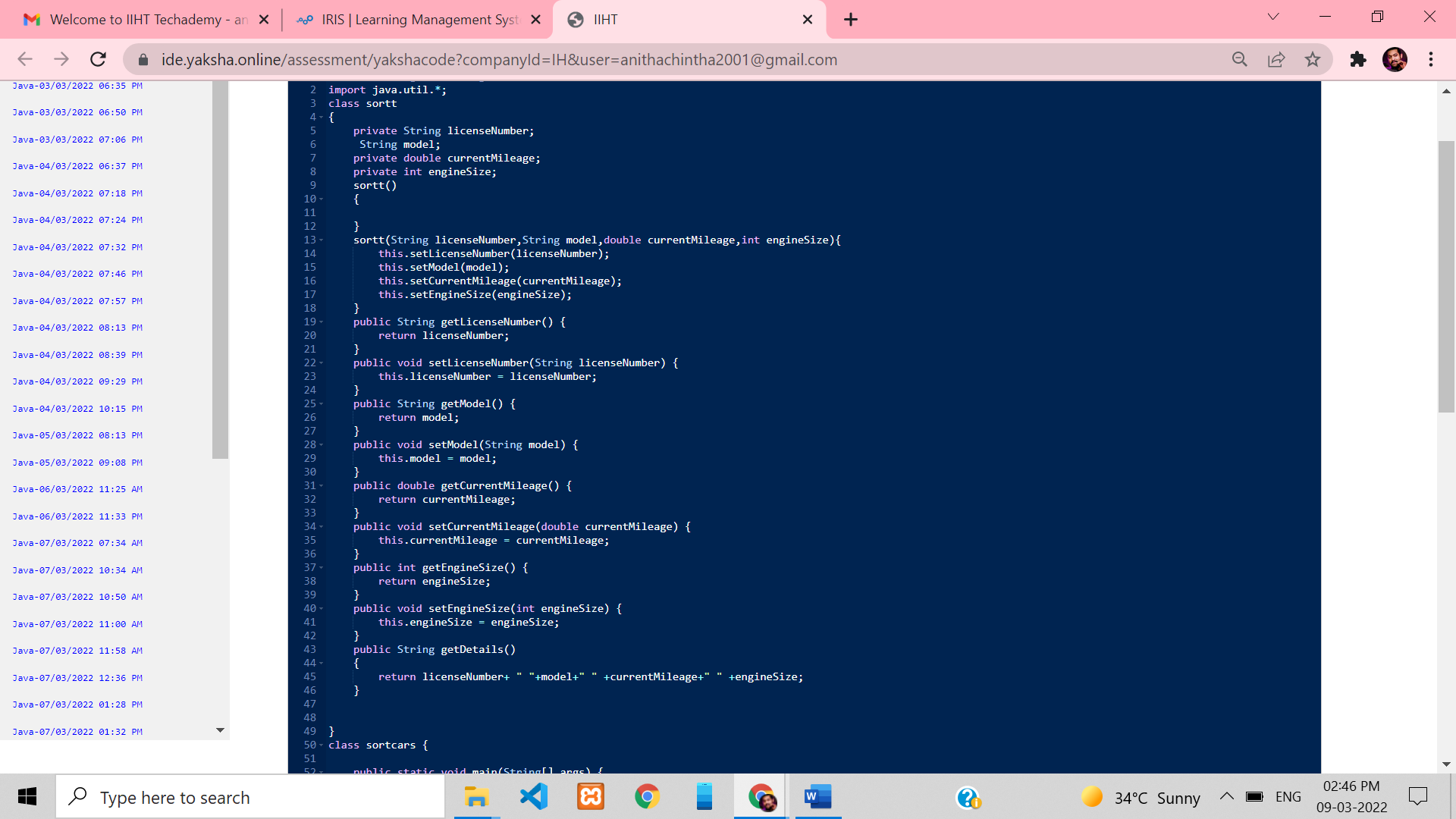
**· Call sortCarList method from Main class to get all cars information sorted based on Model name and display then within Main class after returning back from the specified method.**

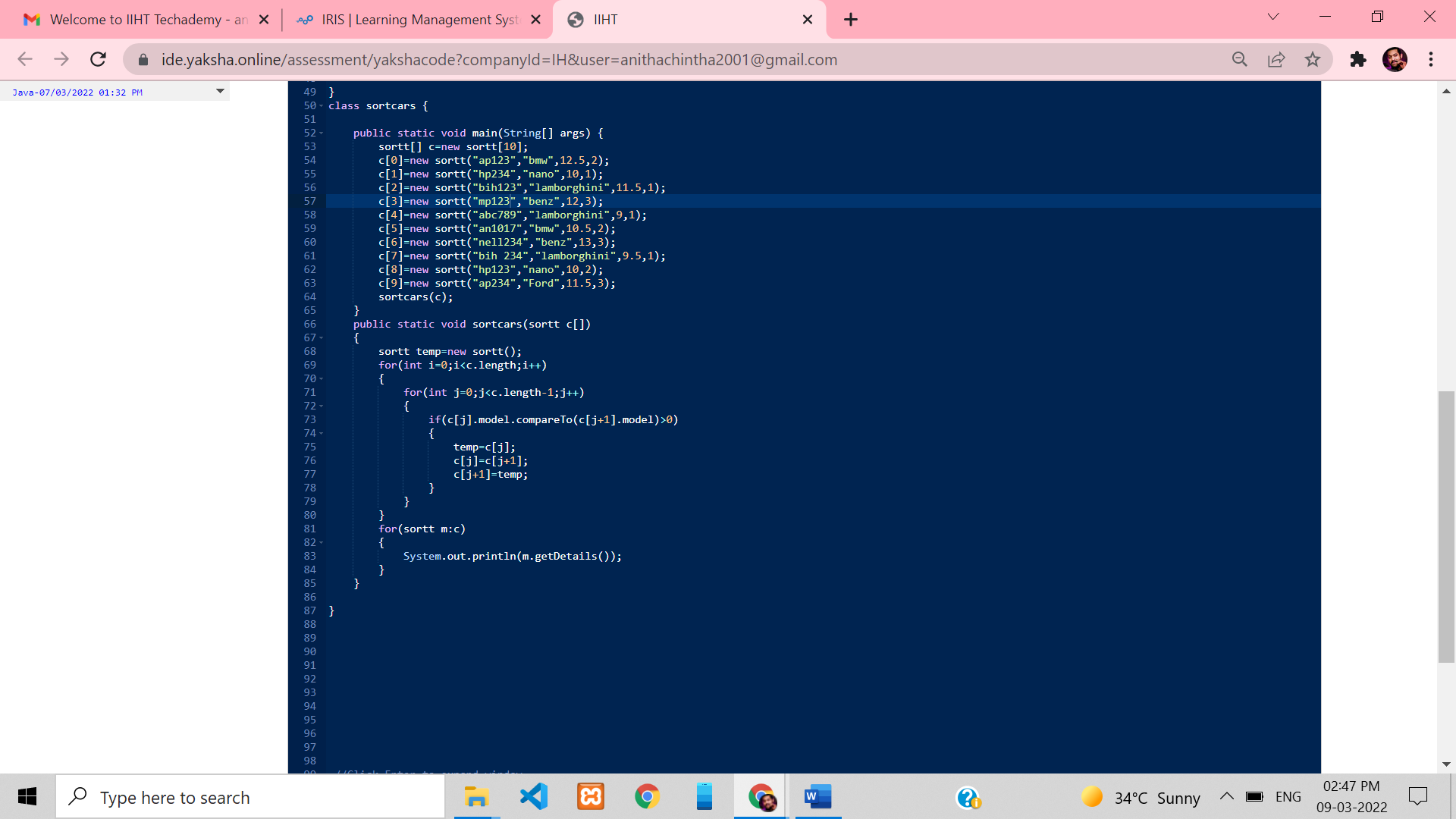
**· From Main class car array need to pass within sortCarList method which return sorted car array and then display all car information on console.**

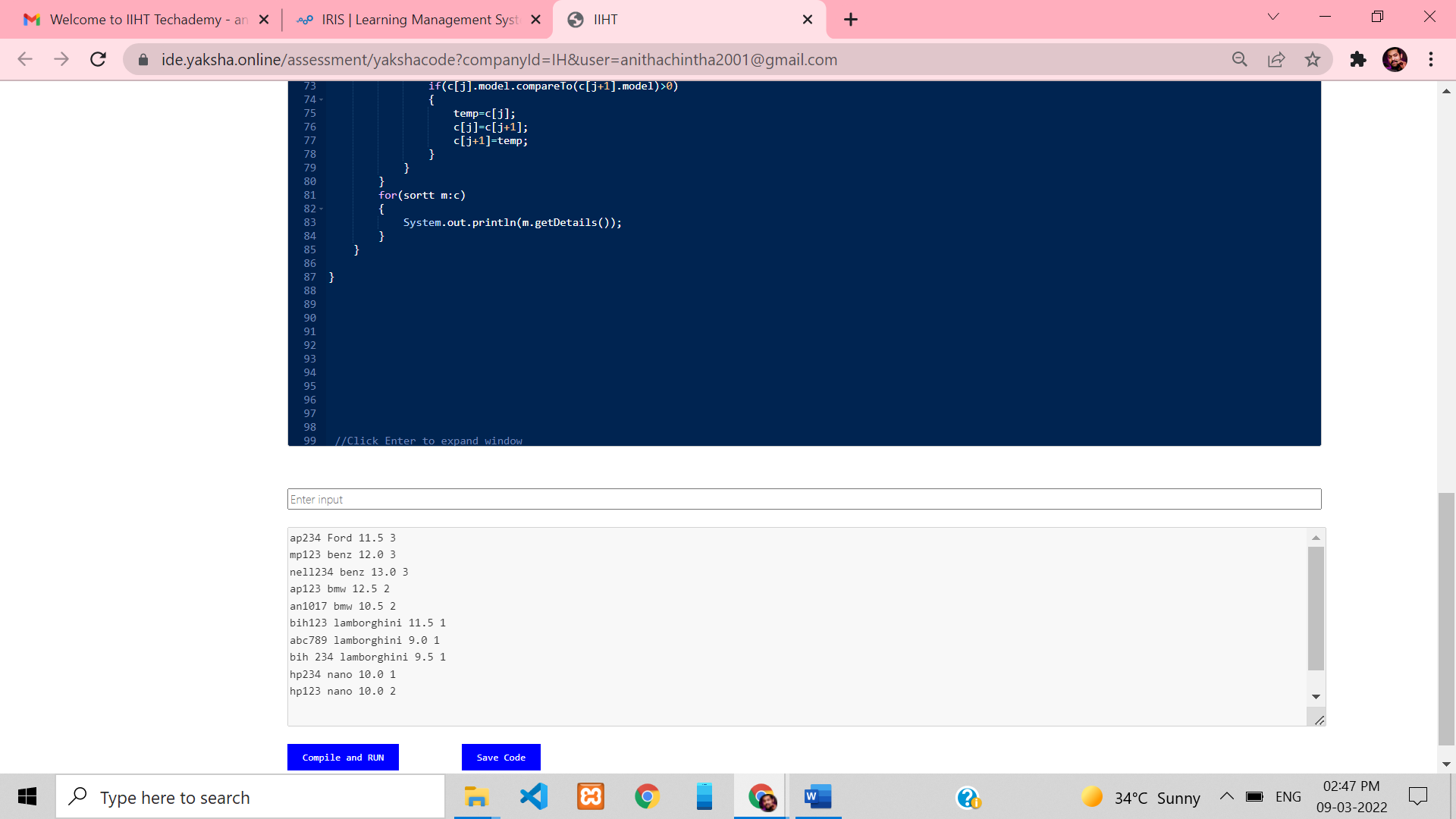
**Design sortCarList method in Car class as follows:**

**· it will take a car array and return car array**

**· it will sort array based on model value given in each car as its information.**

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