

Freshers Task 1

- Install JDK
You may follow this video for the setup: [Setup](#)
(In the video Visual Studio Code is used, you may use any IDE of your choice like Eclipse)
- Crash Course for OOP concepts - [Anuj Bhaiya](#)
- Full Course link - [Teluska](#)
- Solve the following questions after learning OOP concepts
 - Create a class called Student that includes three pieces of information as instance variables—a name, a roll number, marks and attendance. Your class should have a constructor that initializes the three instance variables. Provide a set and a get method for each instance variable. If the marks are not positive, set it to 0.0. Write a test application named StudentTest that demonstrates class Student's capabilities. Create two Student objects. Then give each Student a 10% raise in marks if their attendance is greater than 75% and display each Student's marks again. If after increasing their marks it becomes greater than 100, set it to 100.0.
 - Format:
'Name' 'Roll number' 'Marks' 'Attendance'
 - Sample Input:
Rahul 20ME20003 60 66
Sweta 20CH10006 50 91

Sample Output:
Rahul 20ME20003 60 66
Sweta 20CH10006 55 91
- Create a super class called Car. The Car class has the following fields and methods.
 - speed;
 - regularPrice;
 - color;
 - getSalePrice(); // This function is Supposed to return regularPrice of carCreate a subclass of Car class and name it as Truck. The Truck class has the following fields and methods.
 - weight;
 - getSalePrice() //If the weight of truck is more than 2300, provide a discount of 10% to the regular price, Otherwise provide 20% discount.