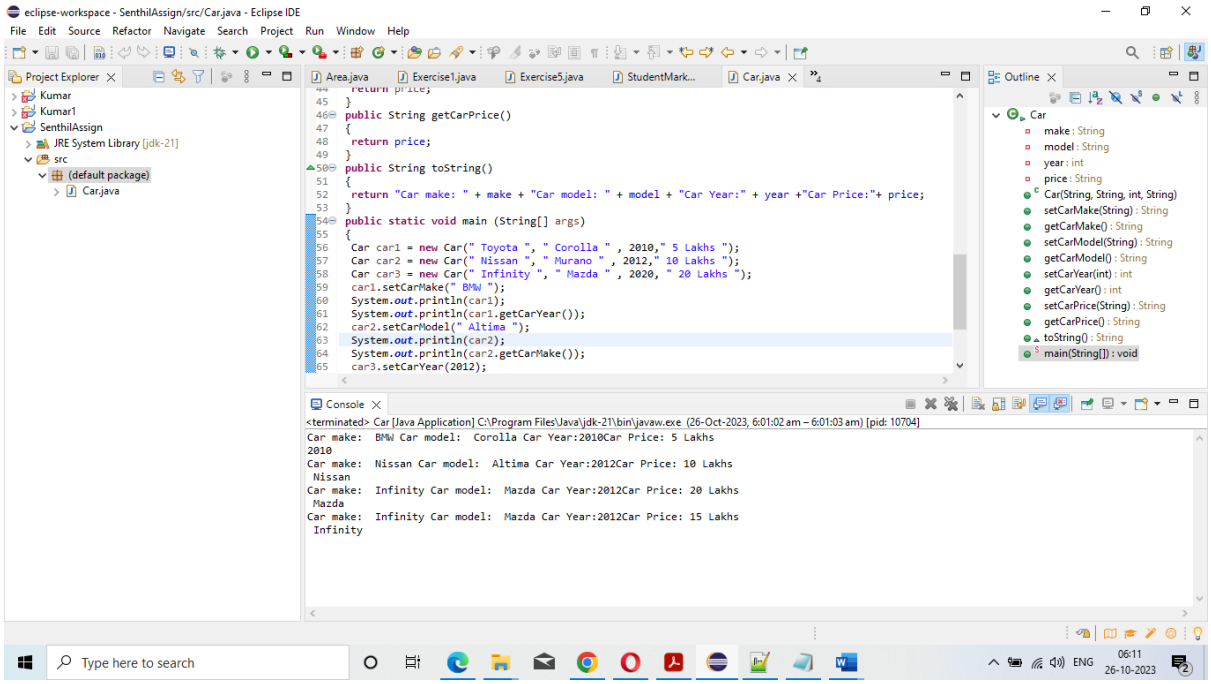
Assignment 2

[1]. Create a class called "Car" that has the following properties: make, model, year, color, and price. Include a constructor and getter and setter methods for each property.

Codeshare Link

https://codeshare.io/mpApYj

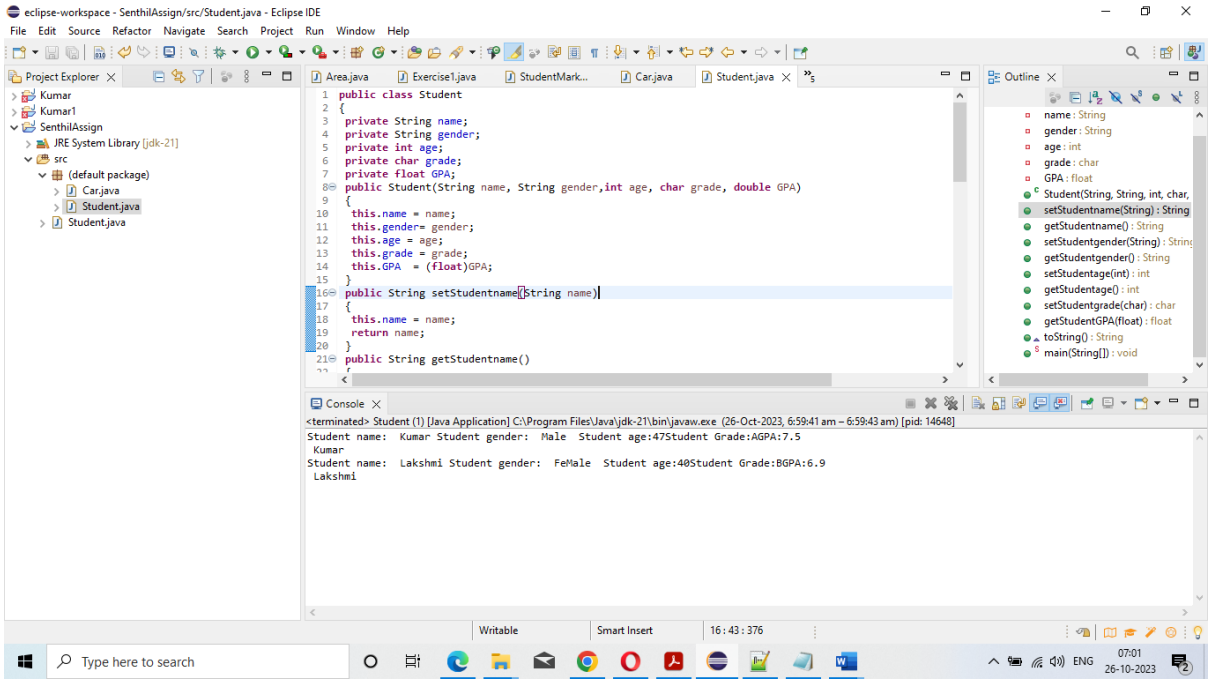
Screenshot



[2]. Create a class called "Student" that has the following properties: name, age, gender, grade, and GPA. Include a constructor and getter and setter methods for each property.

Codeshare link

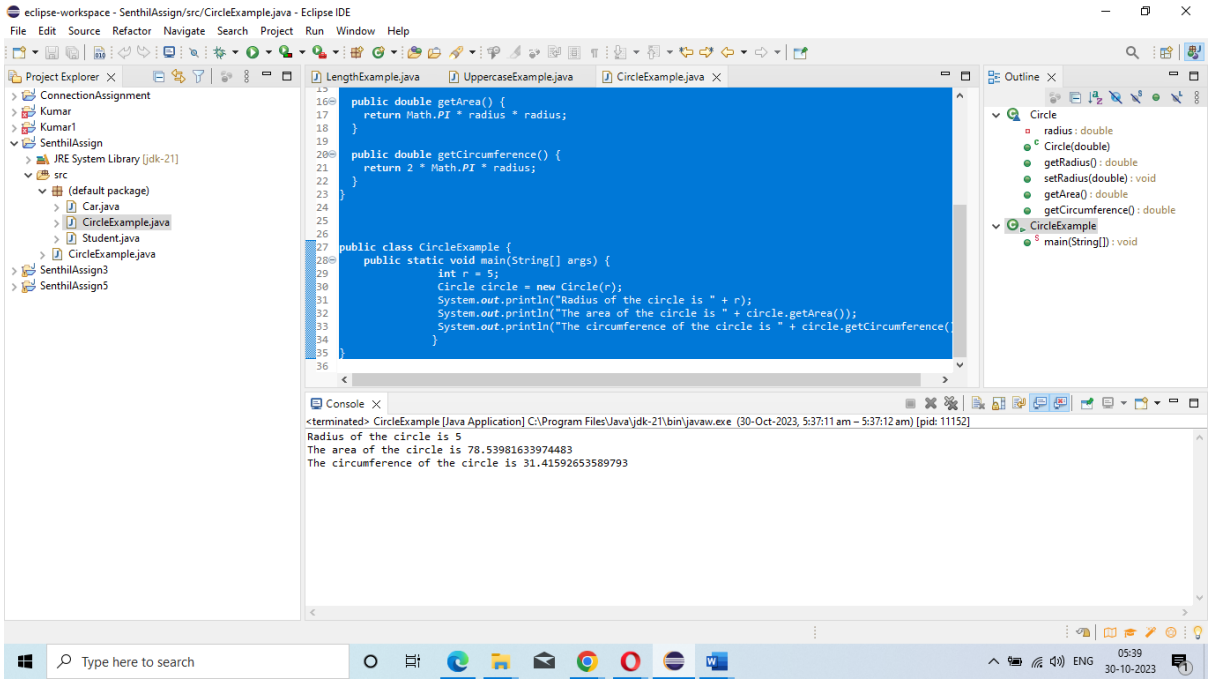
https://codeshare.io/JbZb46



[3]. Create a class called "Circle" that has the following properties: radius, diameter, and area. Include a constructor and methods to calculate the diameter and area of the circle

Codeshare link:

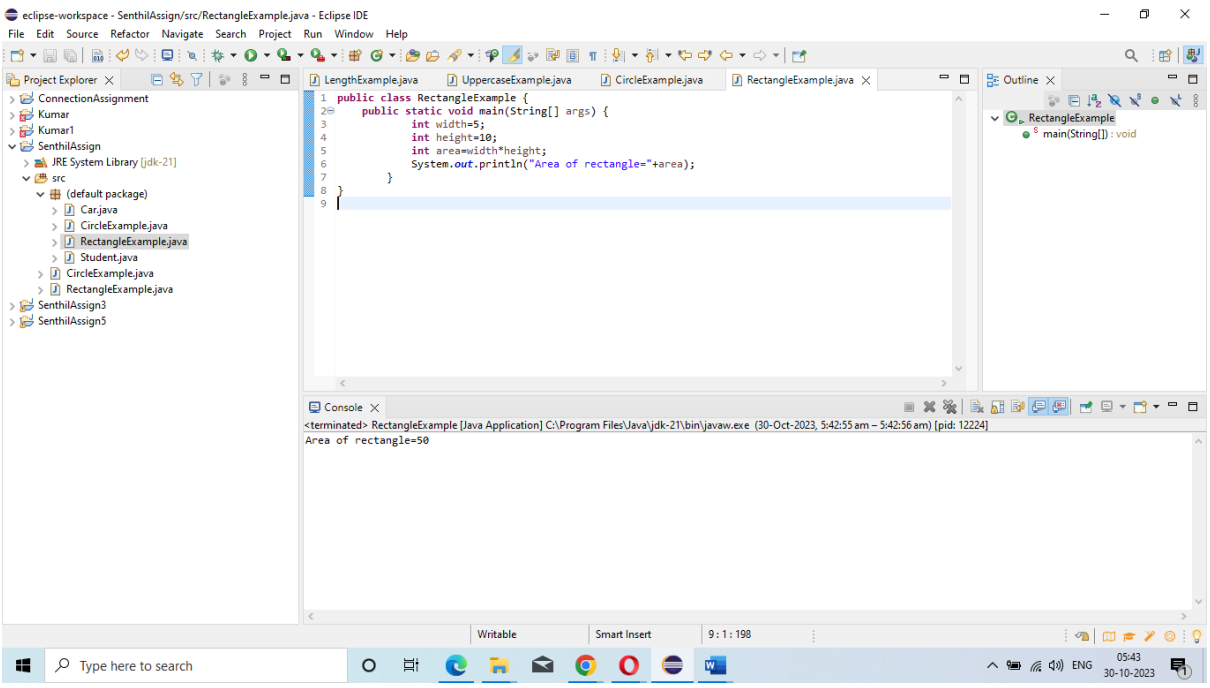
https://codeshare.io/dwmpZB



4. Create a class called "Rectangle" that has the following properties: length, width, and area. Include a constructor and a method to calculate the area of the rectangle.

Codeshare Link:

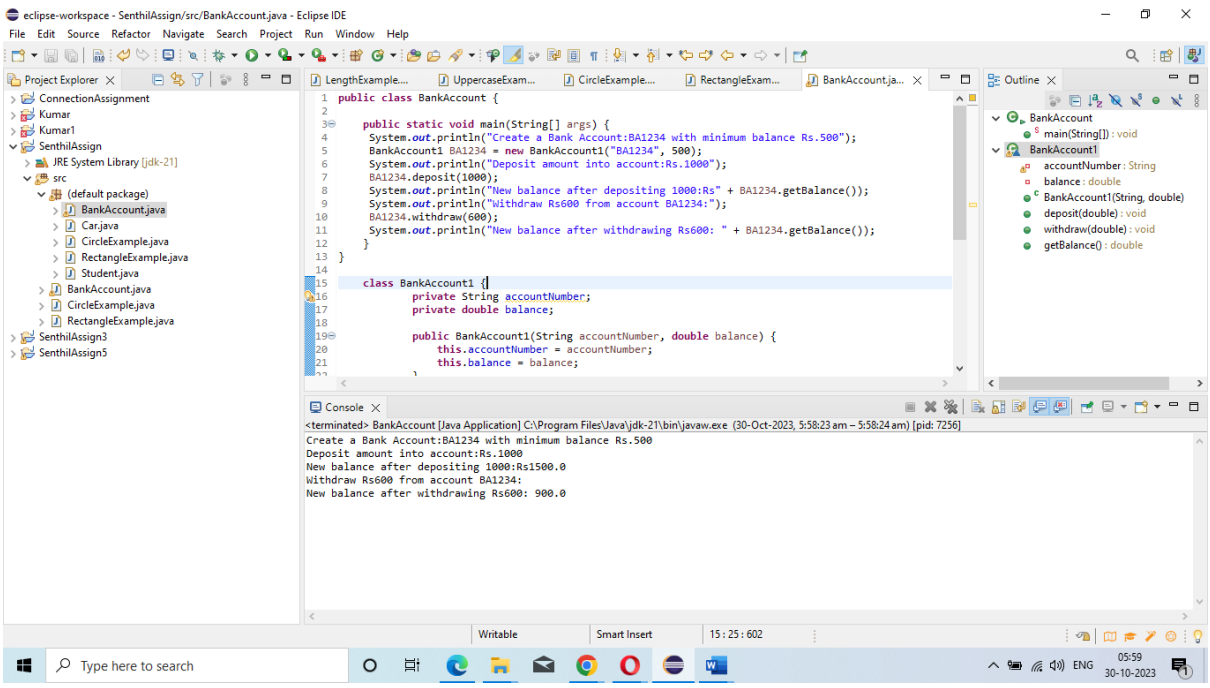
https://codeshare.io/9OoYW7



5. Create a class called "BankAccount" that has the following properties: account number, account balance, account holder name, and account type. Include a constructor and methods to deposit and withdraw money from the account.

Codeshare link:

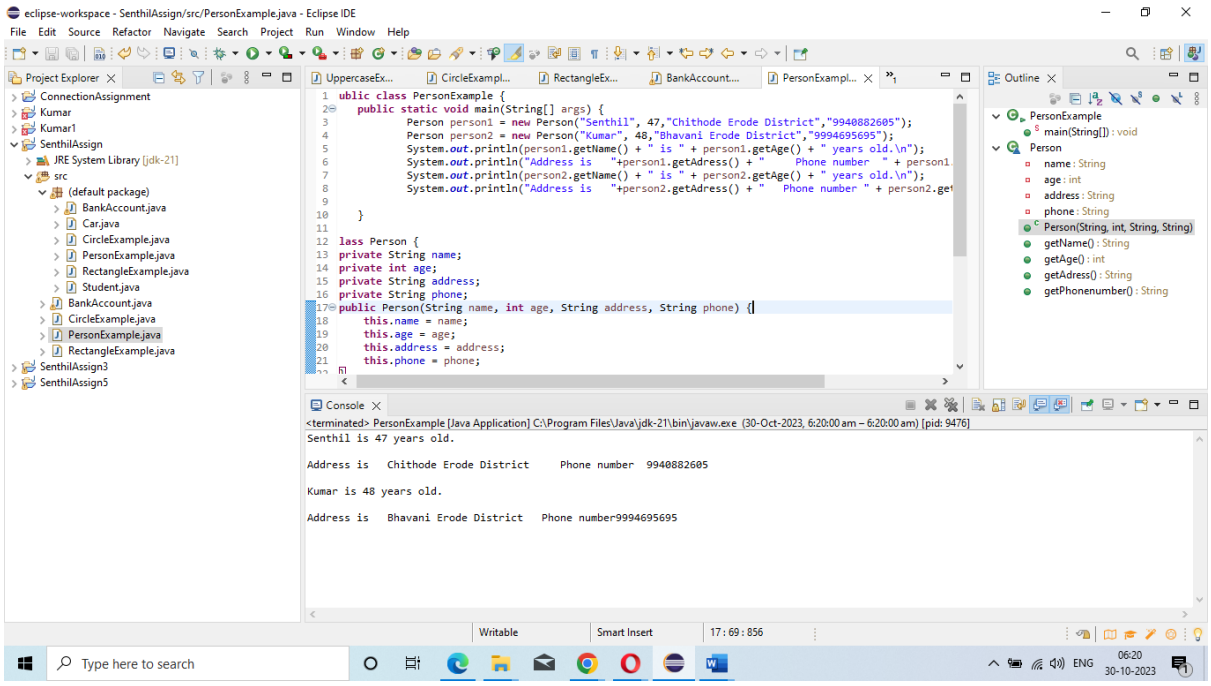
https://codeshare.io/3Aex41



6. Create a class called "Person" that has the following properties: name, age, address, phone number, and email address. Include a constructor and getter and setter methods for each property.

Codeshare link:

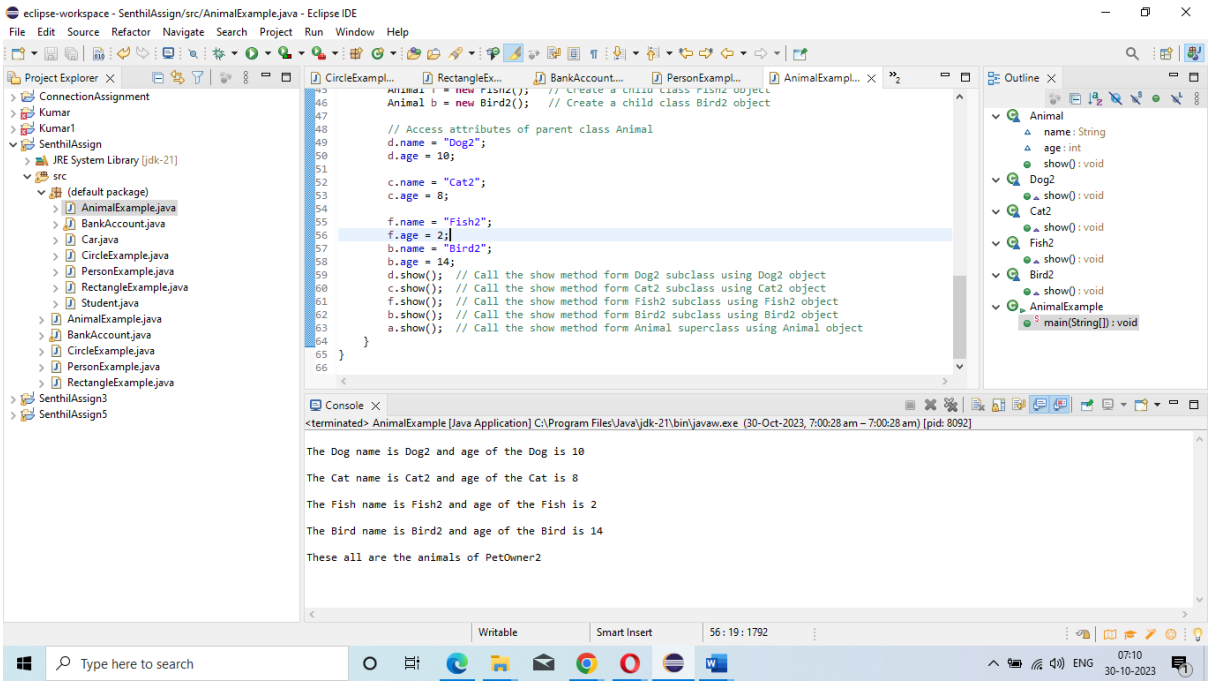
https://codeshare.io/MNqJLR



7. Create a class called "Animal" that has the following properties: name, species, age, and weight. Include a constructor and getter and setter methods for each property.

Codeshare link:

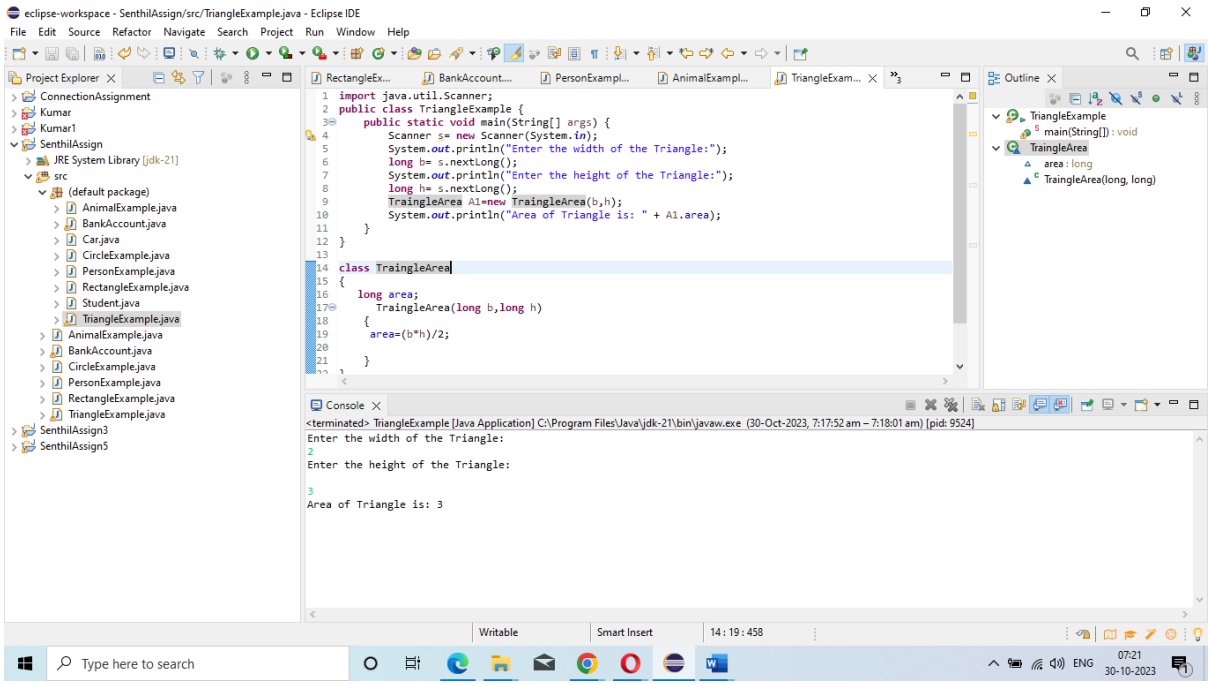
https://codeshare.io/PdWz9M



8. Create a class called "Triangle" that has the following properties: base, height, and area. Include a constructor and a method to calculate the area of the triangle.

Codeshare link:

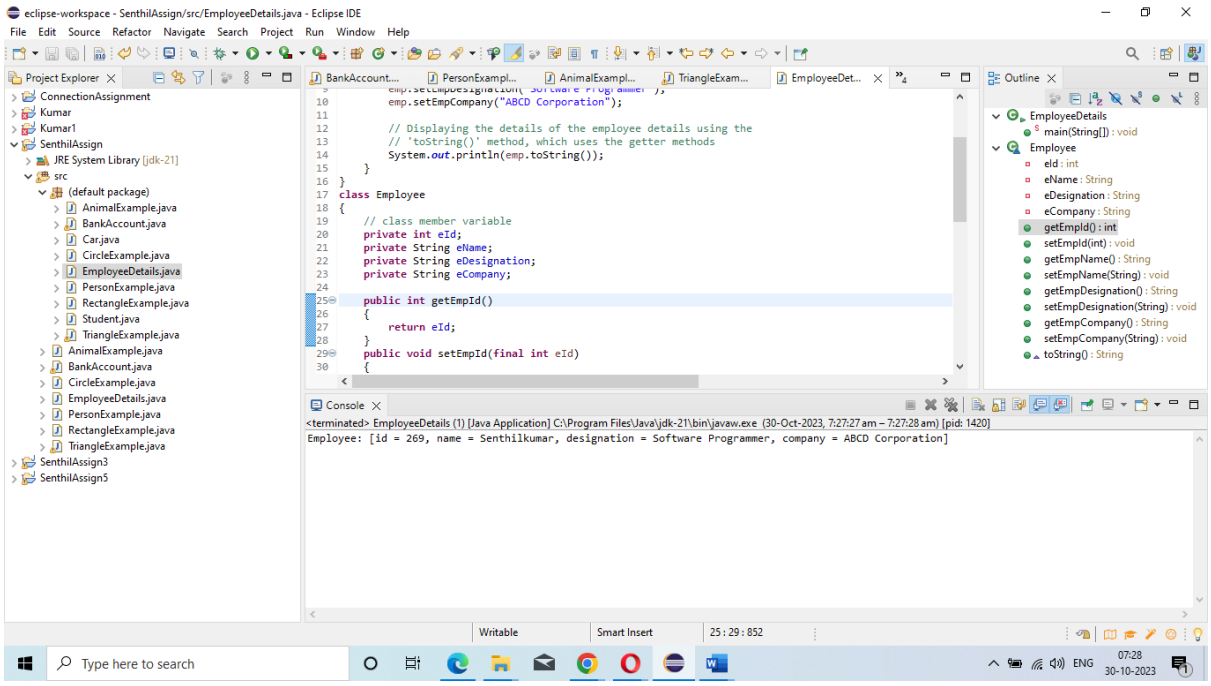
https://codeshare.io/6p8dOY



9. Create a class called "Employee" that has the following properties: name, employee ID, department, job title, and salary. Include a constructor and getter and setter methods for each property.

Codeshare link:

https://codeshare.io/nz1X0Y



10. Create a class called "Address" that has the following properties: street, city, state, zip code, and country. Include a constructor and getter and setter methods for each property.

Codeshare link:

https://codeshare.io/eVlJB4