**Laporan Tugas Praktikum PBO**

**Inheritance, Abstract Class and Interface**



Disusun Oleh :

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Kelas 2 – B

**Jurusan Teknik Komputer dan Informatika**

**Program Studi D3 Teknik Informatika**

**Politeknik Negeri Bandung**

**2021**

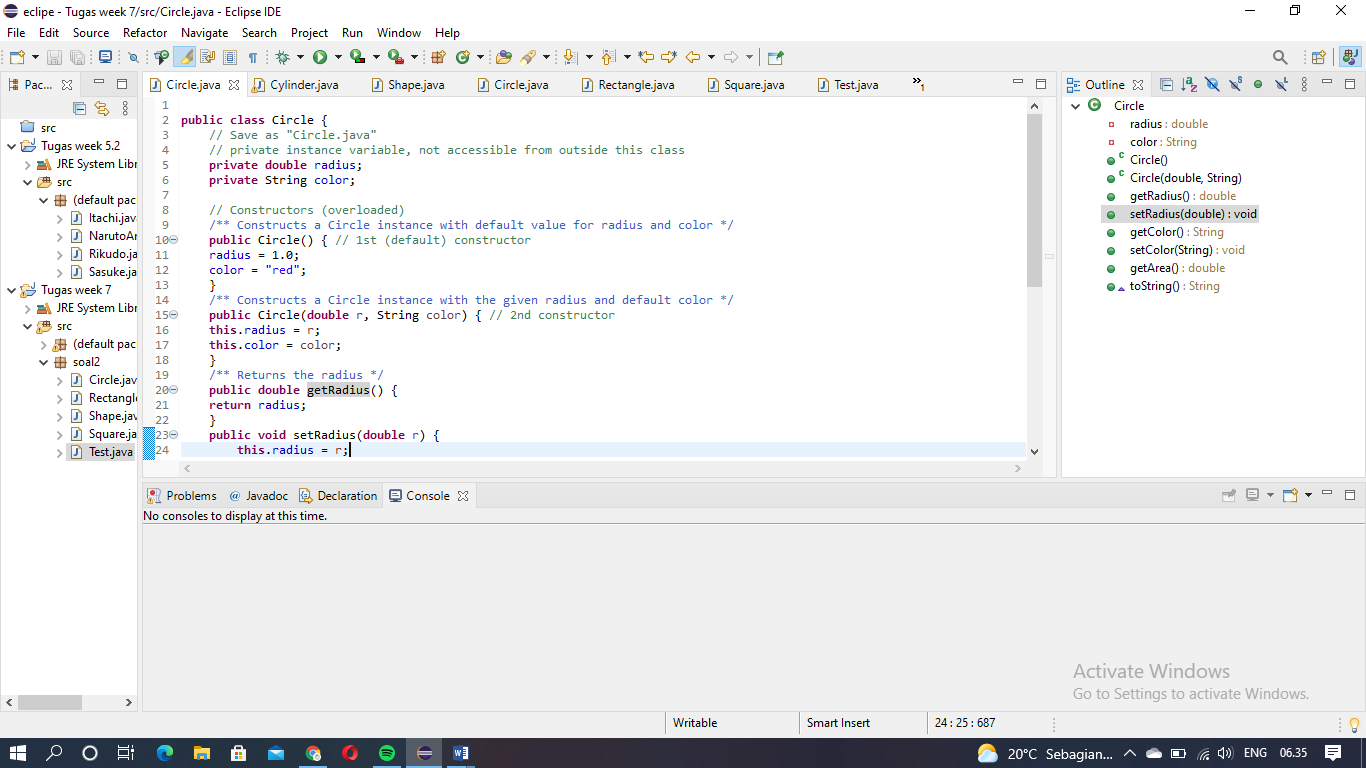
Tugas 1

The Circle and Cylinder Classes

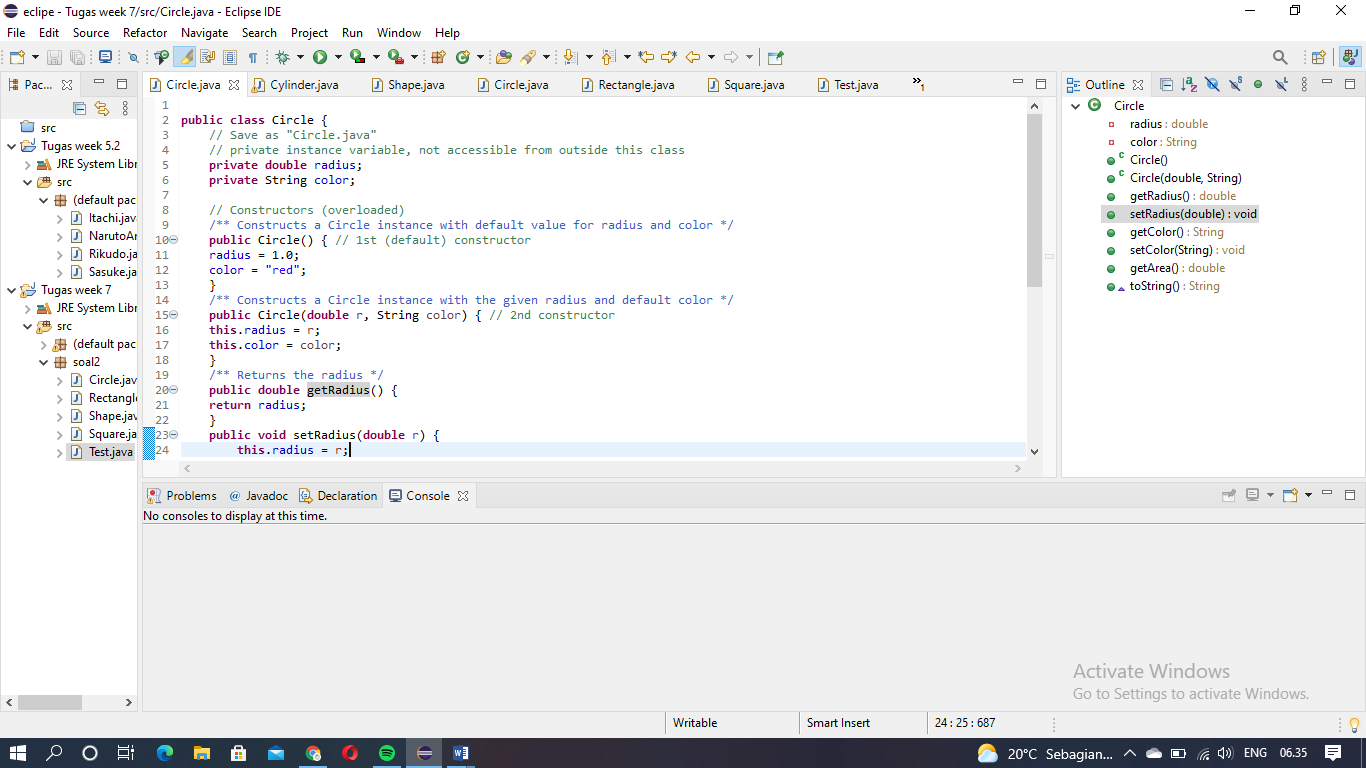
1. Hasil Program dan pembahasan dari soal

* Task 1.1

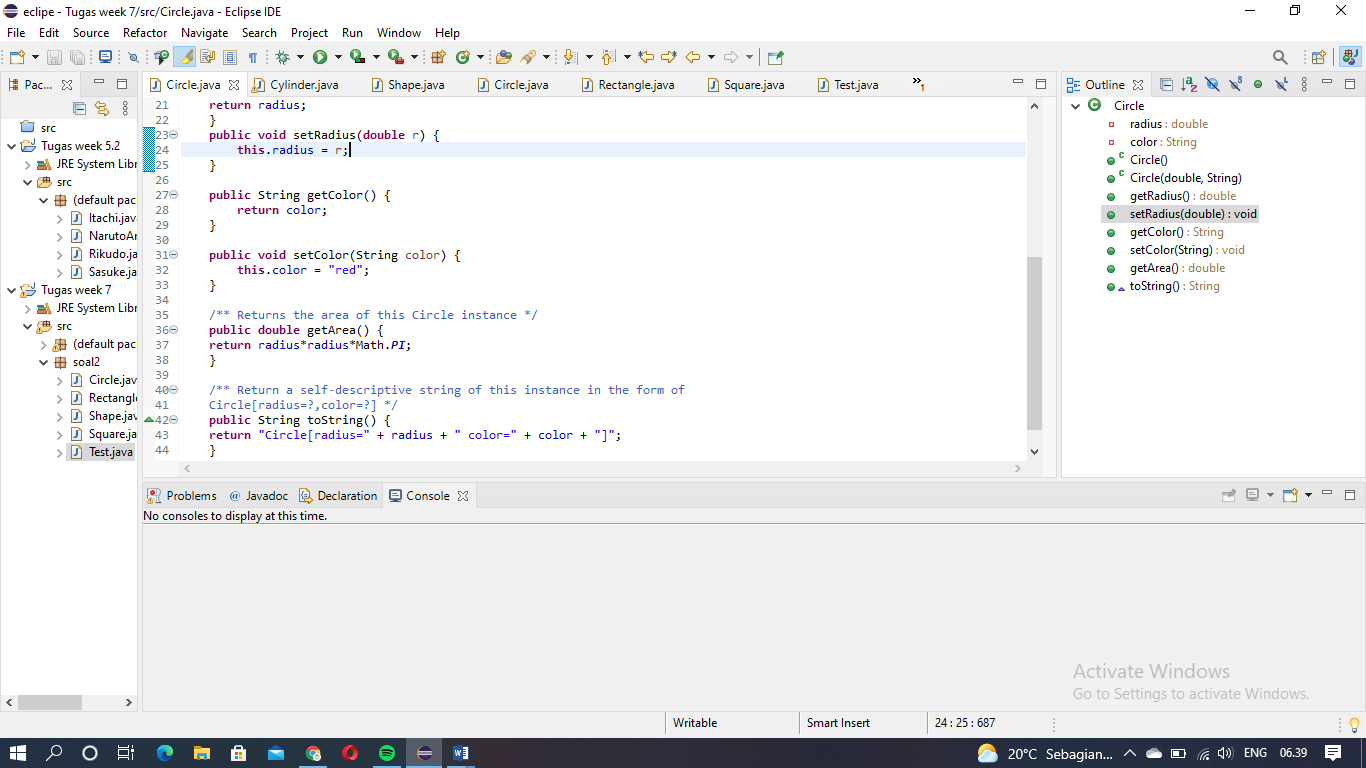
1. Variable color : String



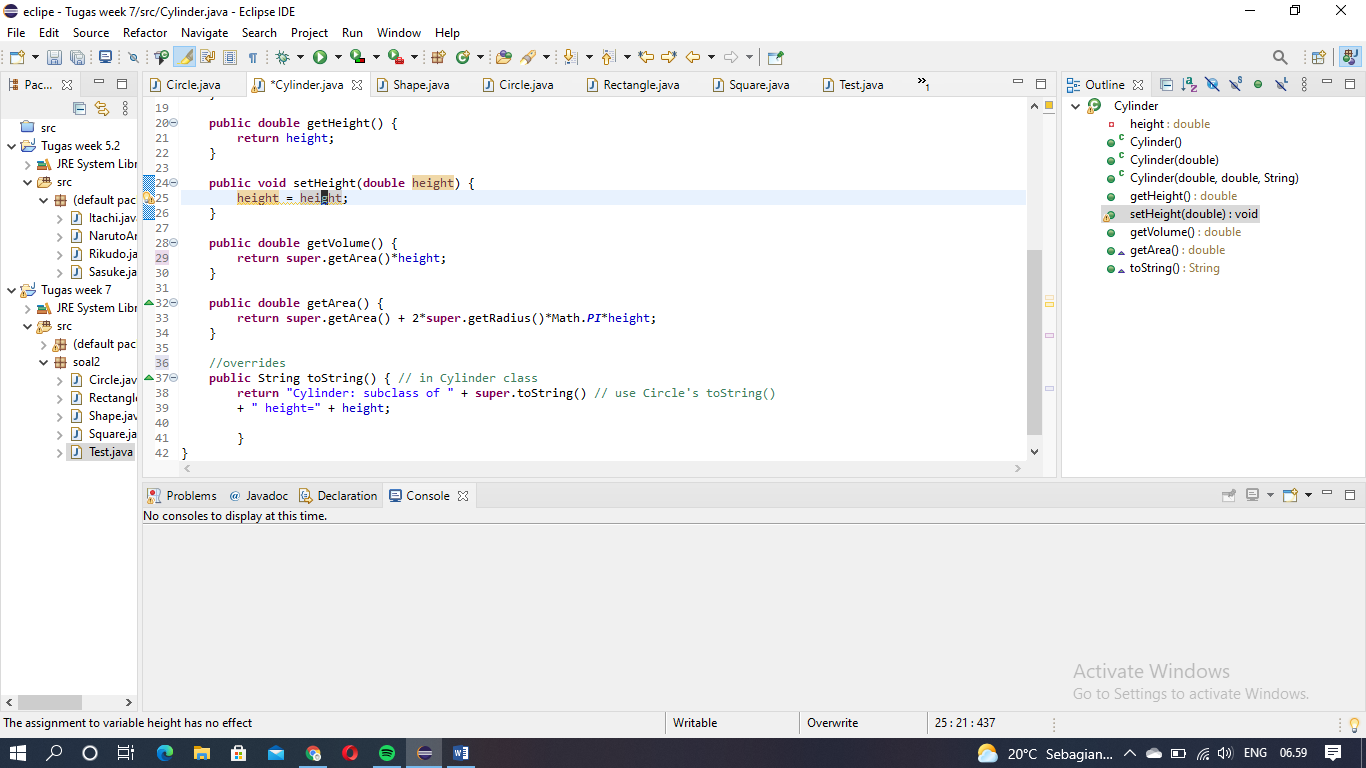
1. Constructor Circle(radius : double, color : string)



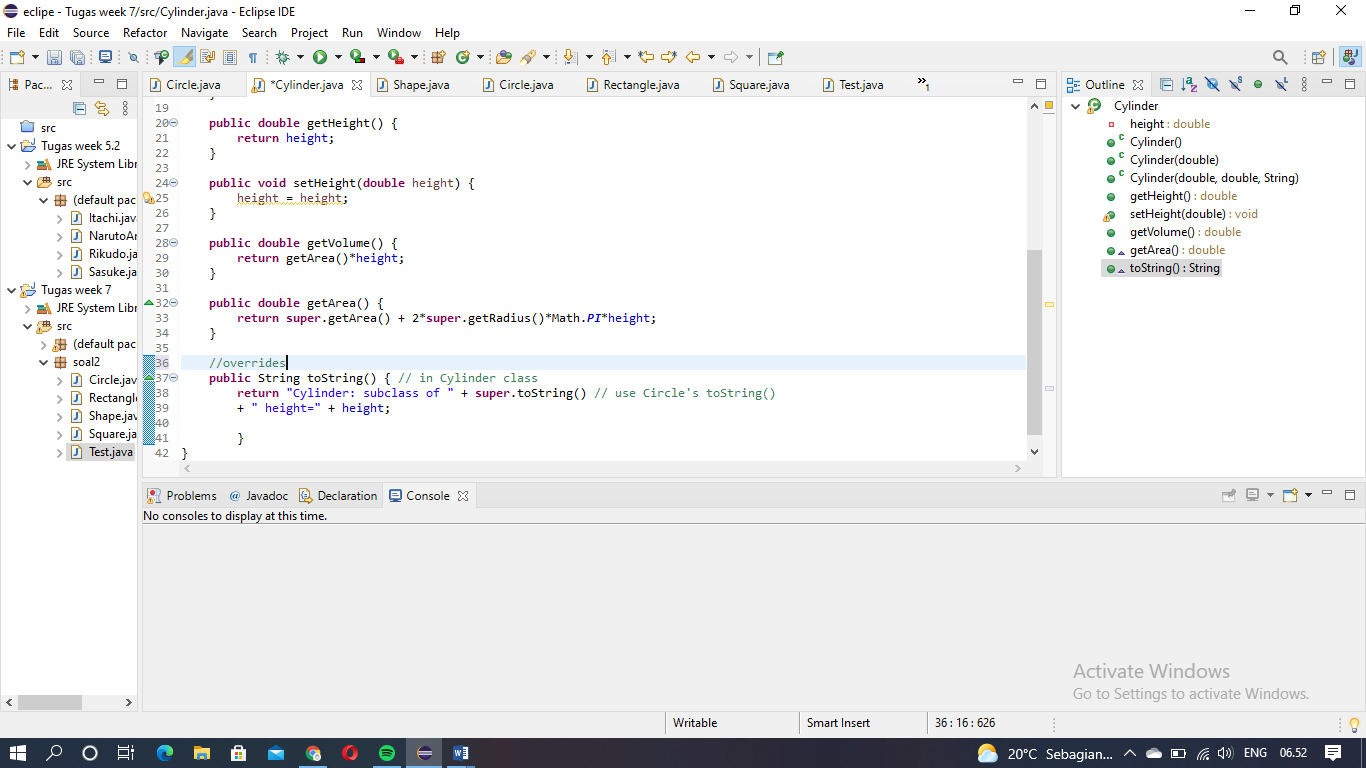
1. Getter and setter for color



* Task 1.2



Pada getVolume dimodif dengan menggunakan super pada toString untuk memangil method pada kelas parent. Lalu saya mengubah (=2π×radius×height + 2×base-area) dengan rumus awal menggunakan method getArea yang berada pada parent dank arena base-area = getArea() maka harus menuliskan kembali rumus dengan menambah super pada bagian getRadius.

* Task 1.3

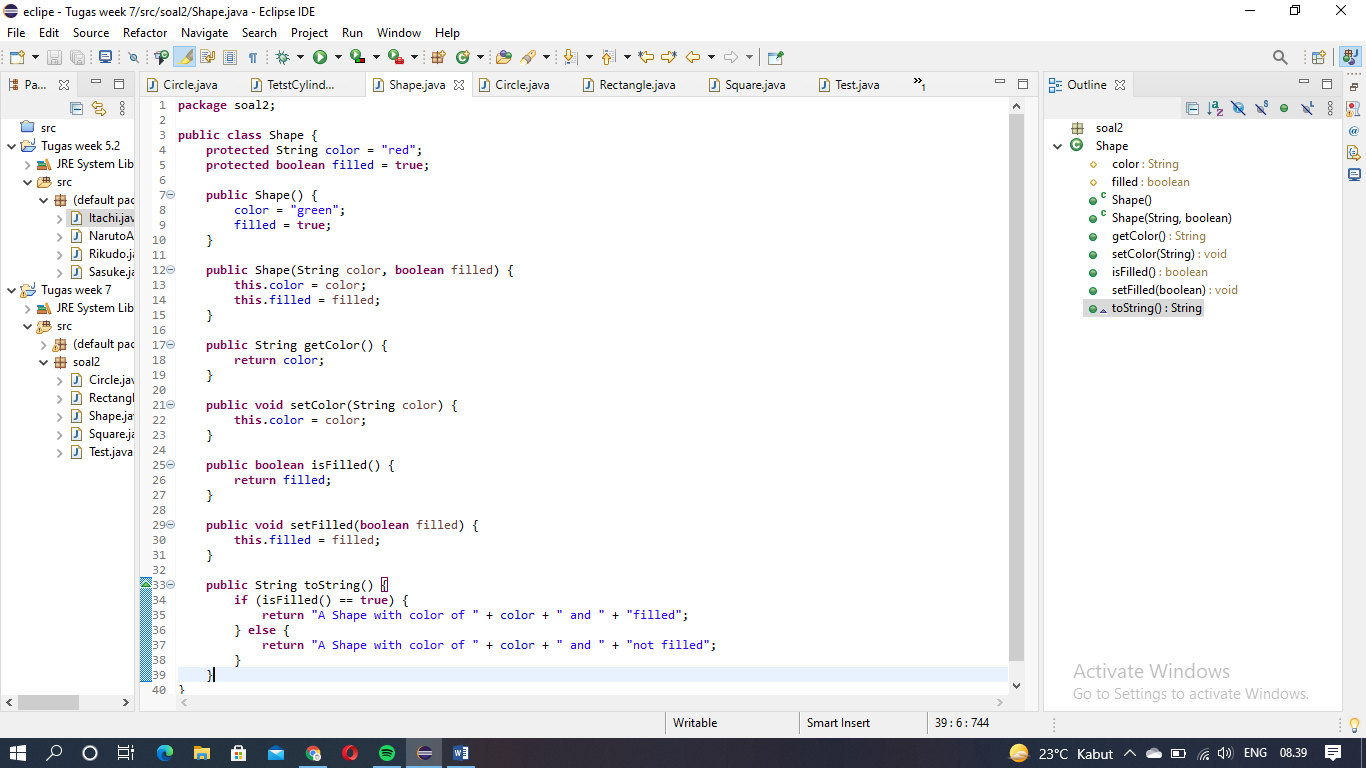
1. Permasalahan : -
2. Solusi : -
3. Teman yang membantu : -

Tugas 2

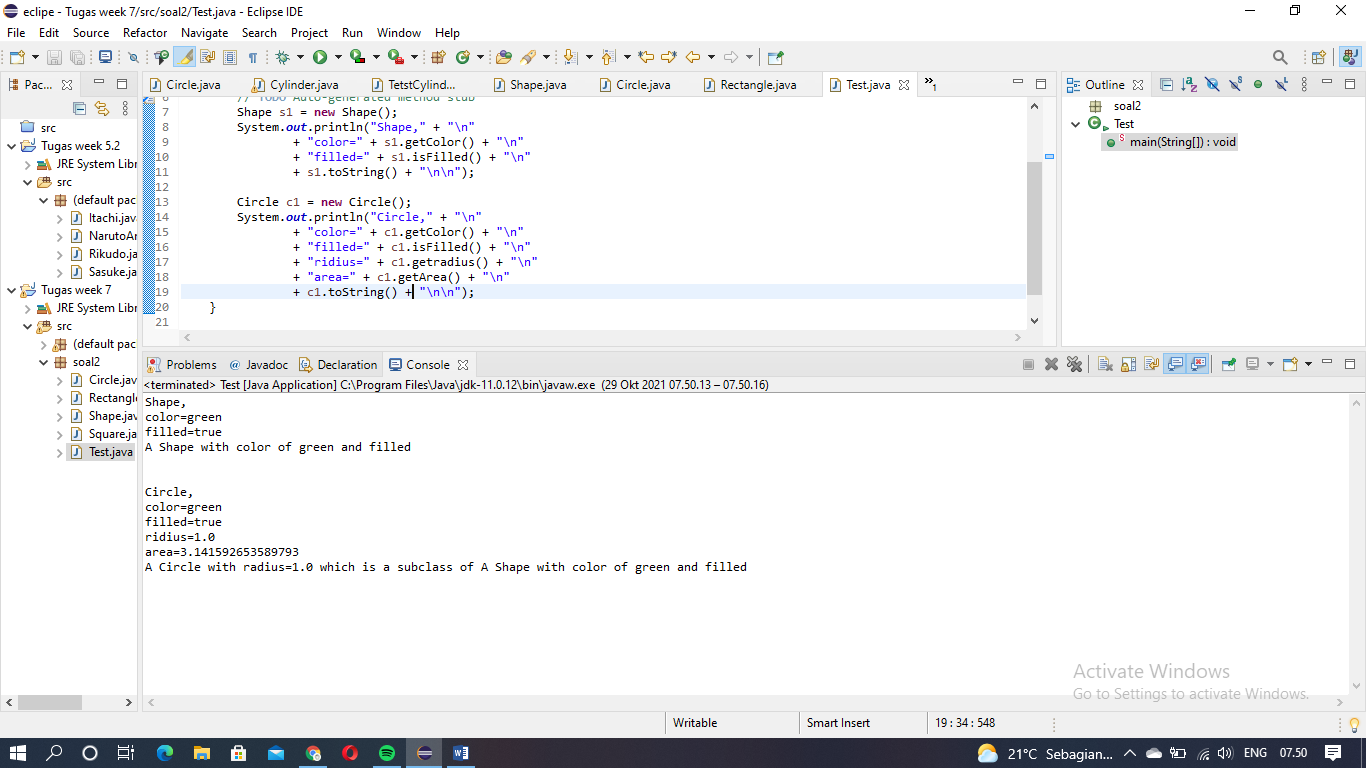
Superclass shape and its Subsclass Circle, Rectangle, square

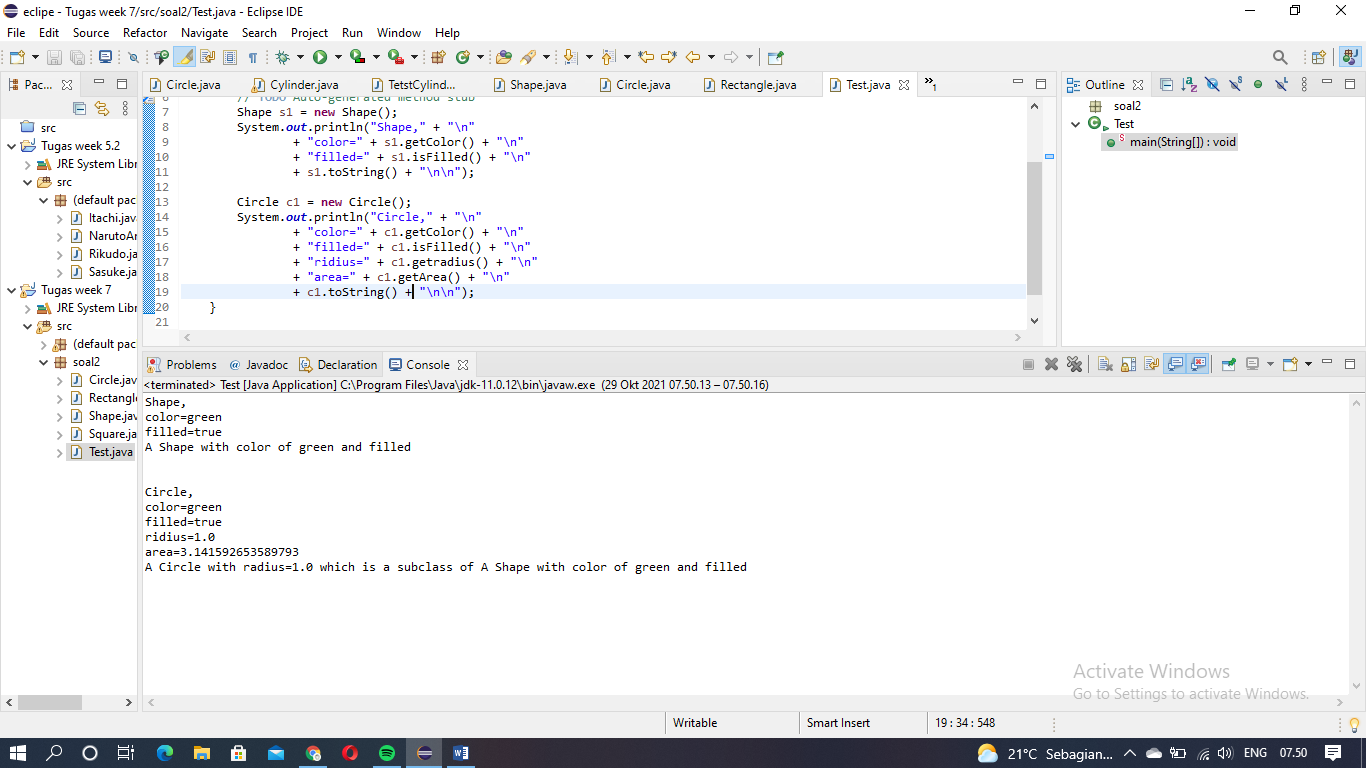
1. Program dan output

* Shape.java

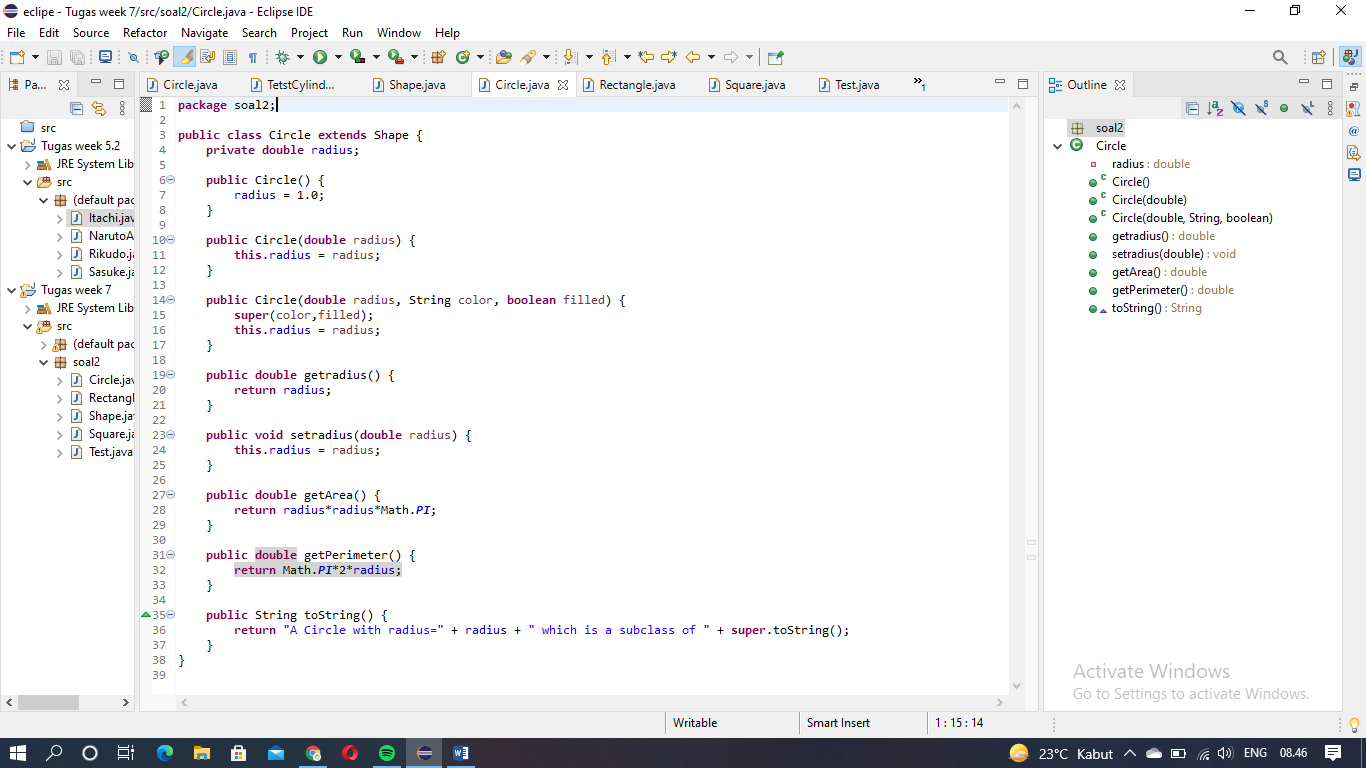


Output

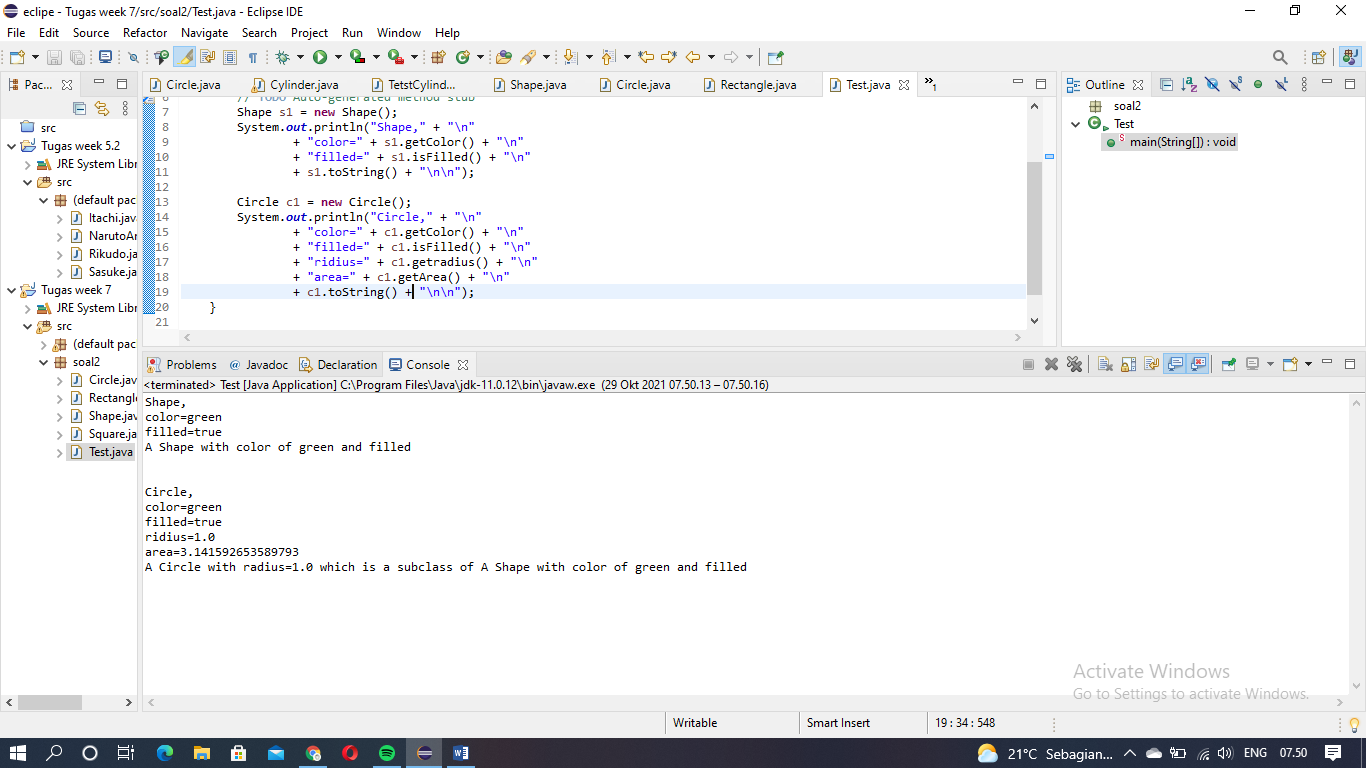


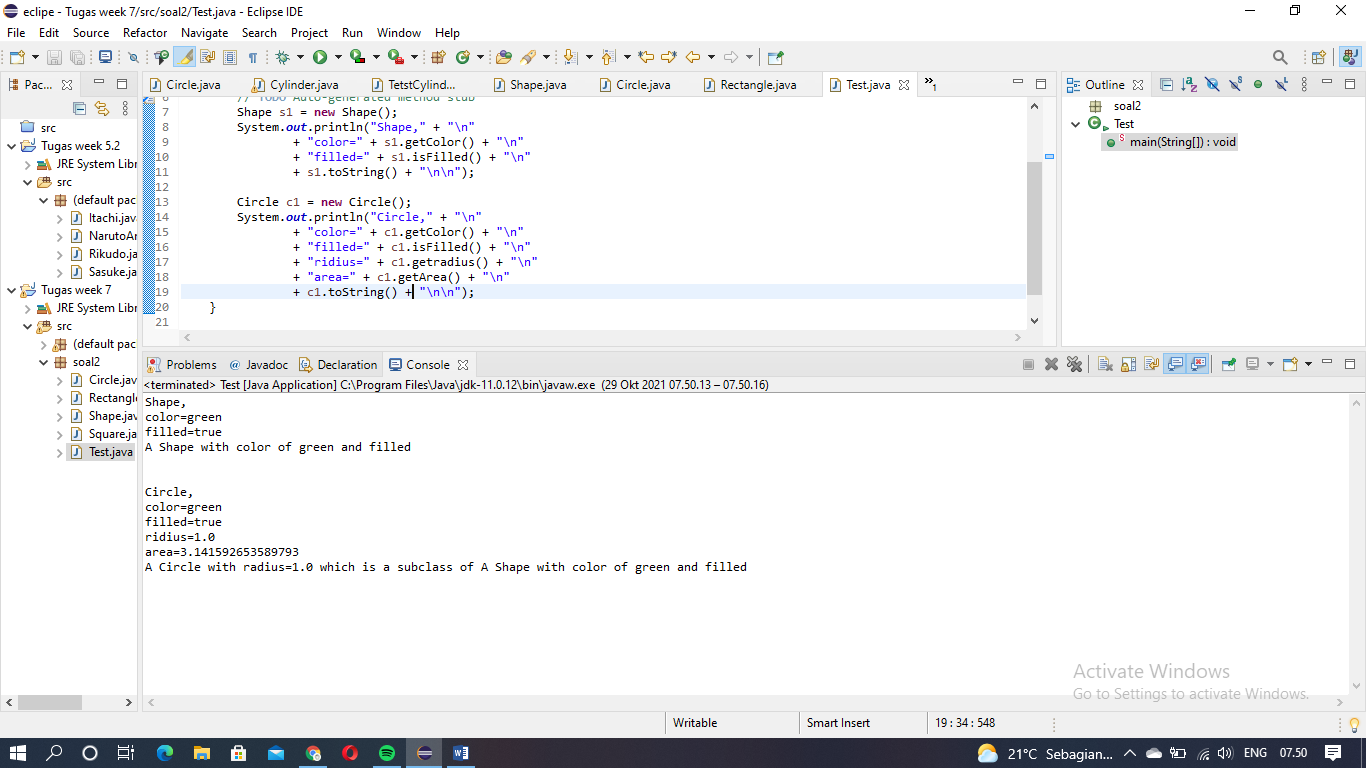


* Circle.java

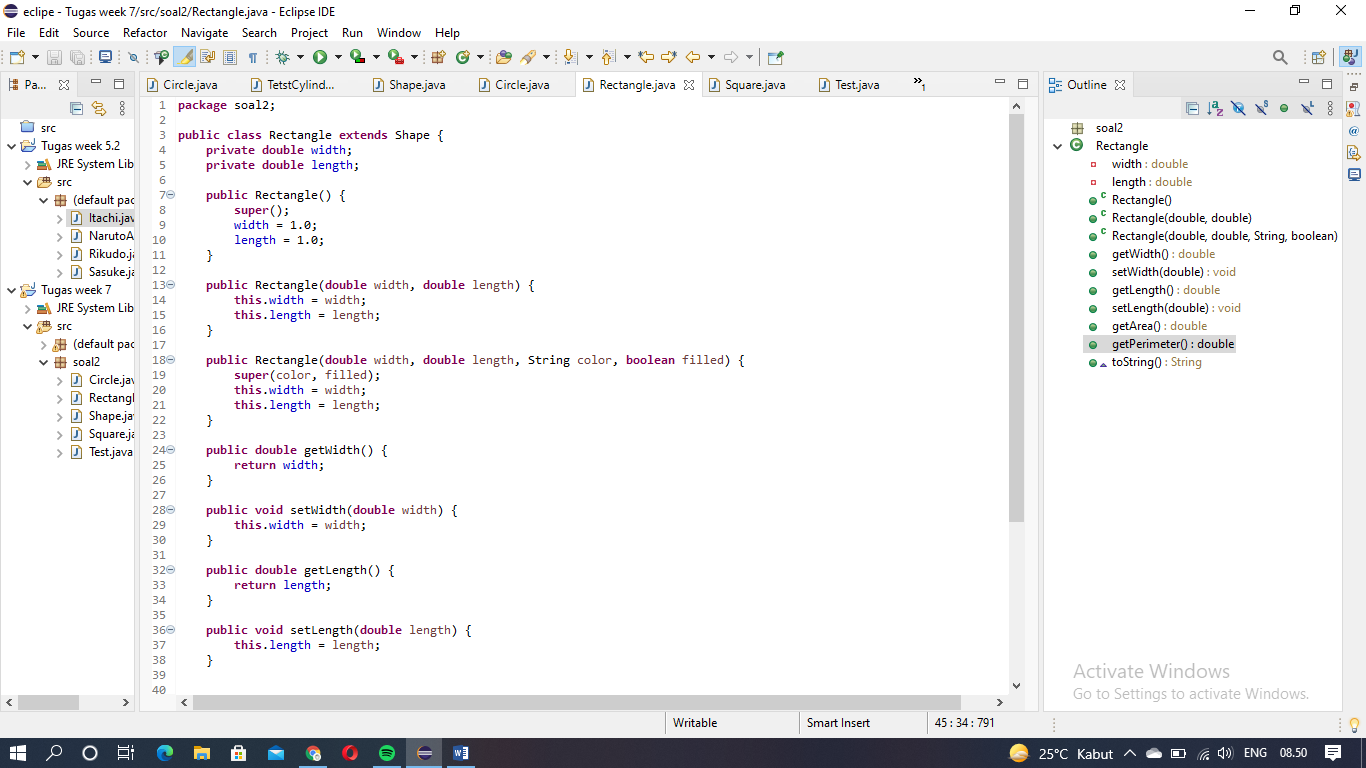


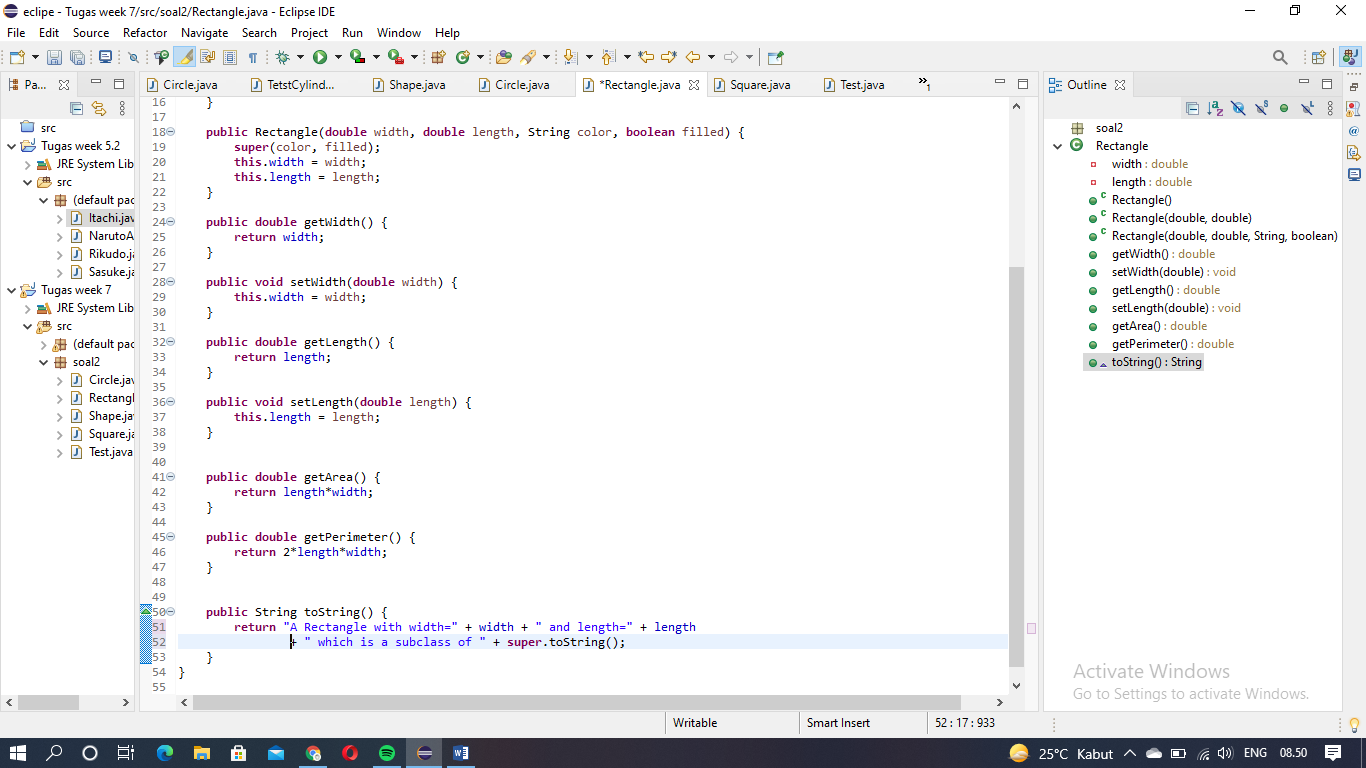
Output



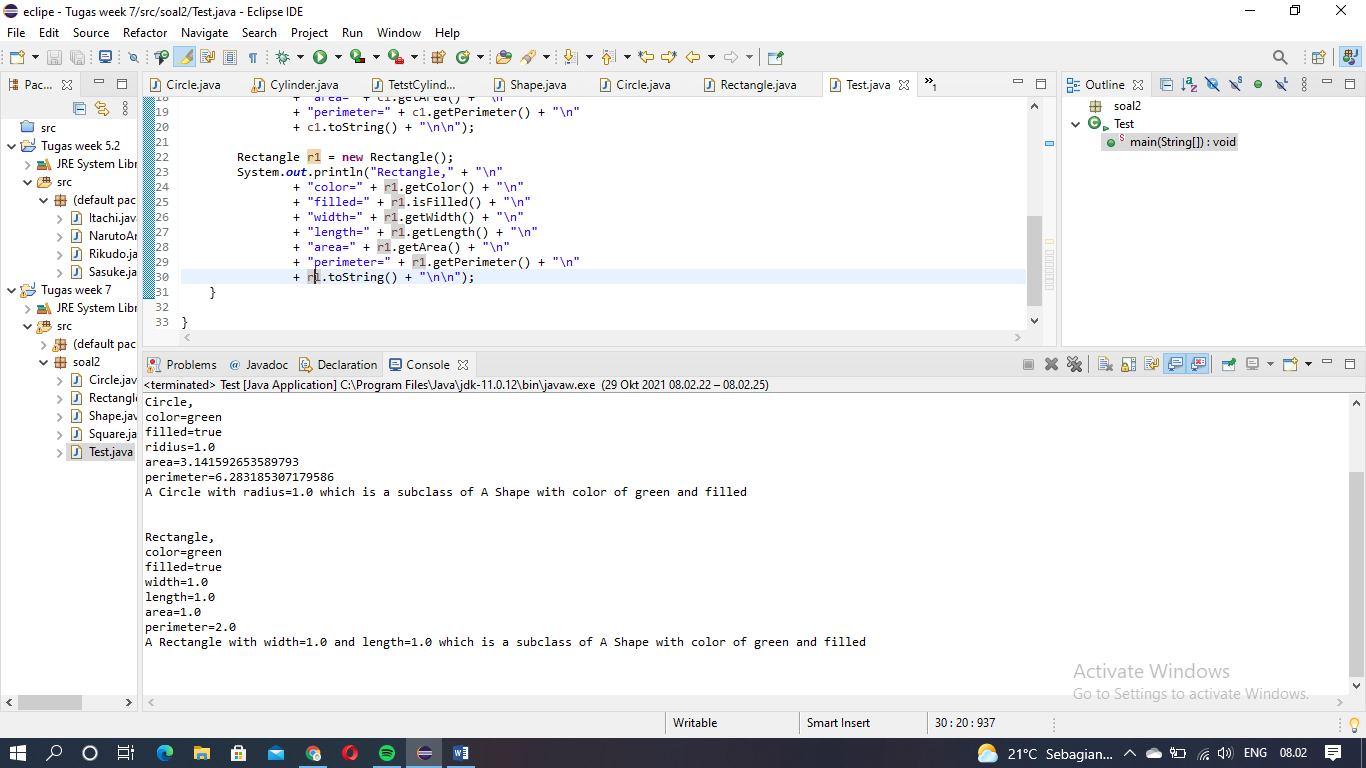
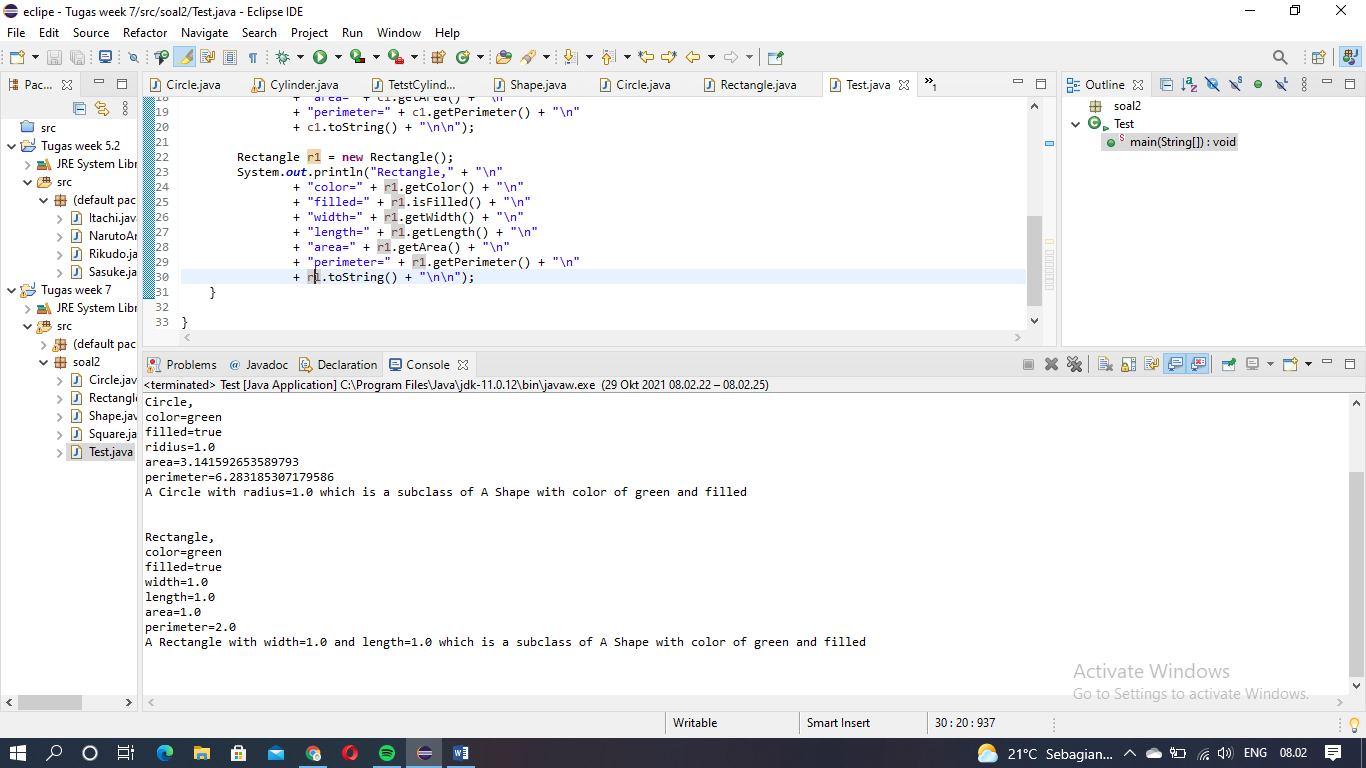


* Rectangle.java

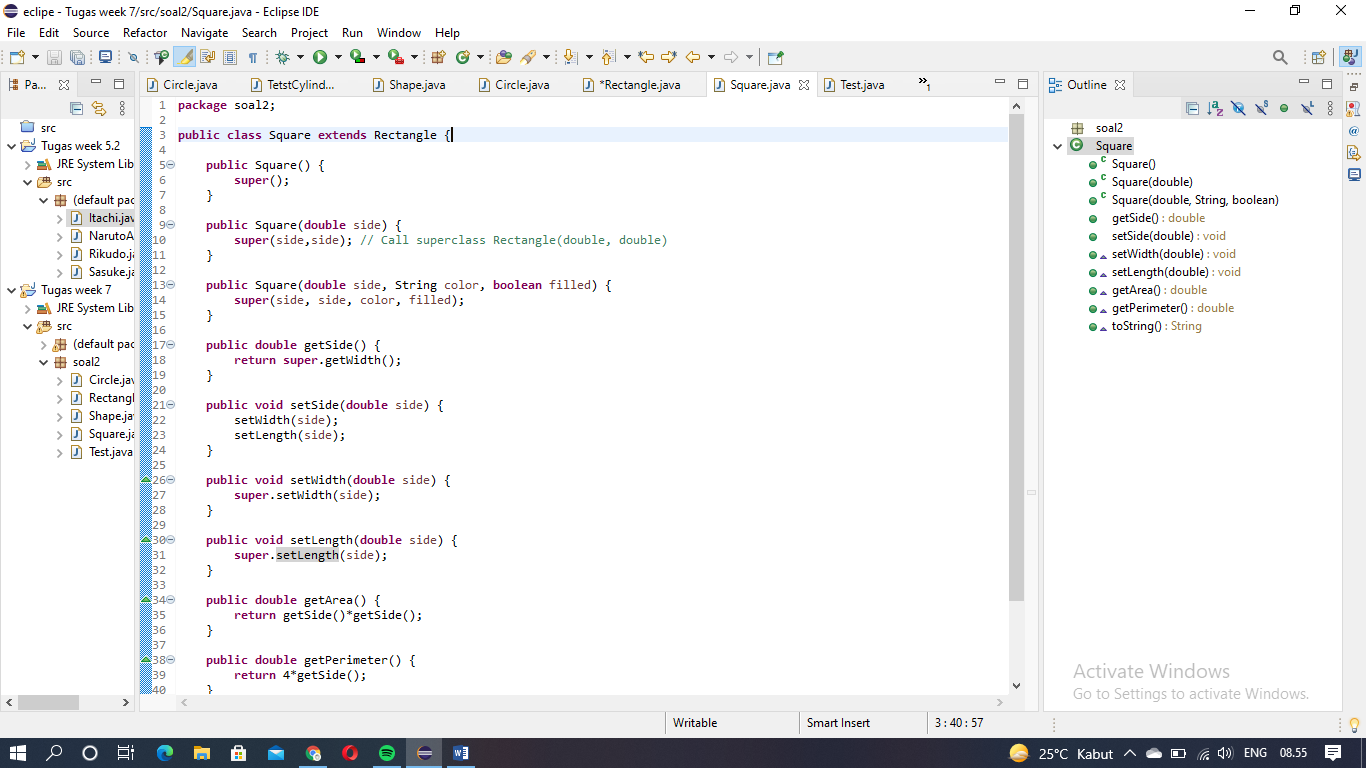


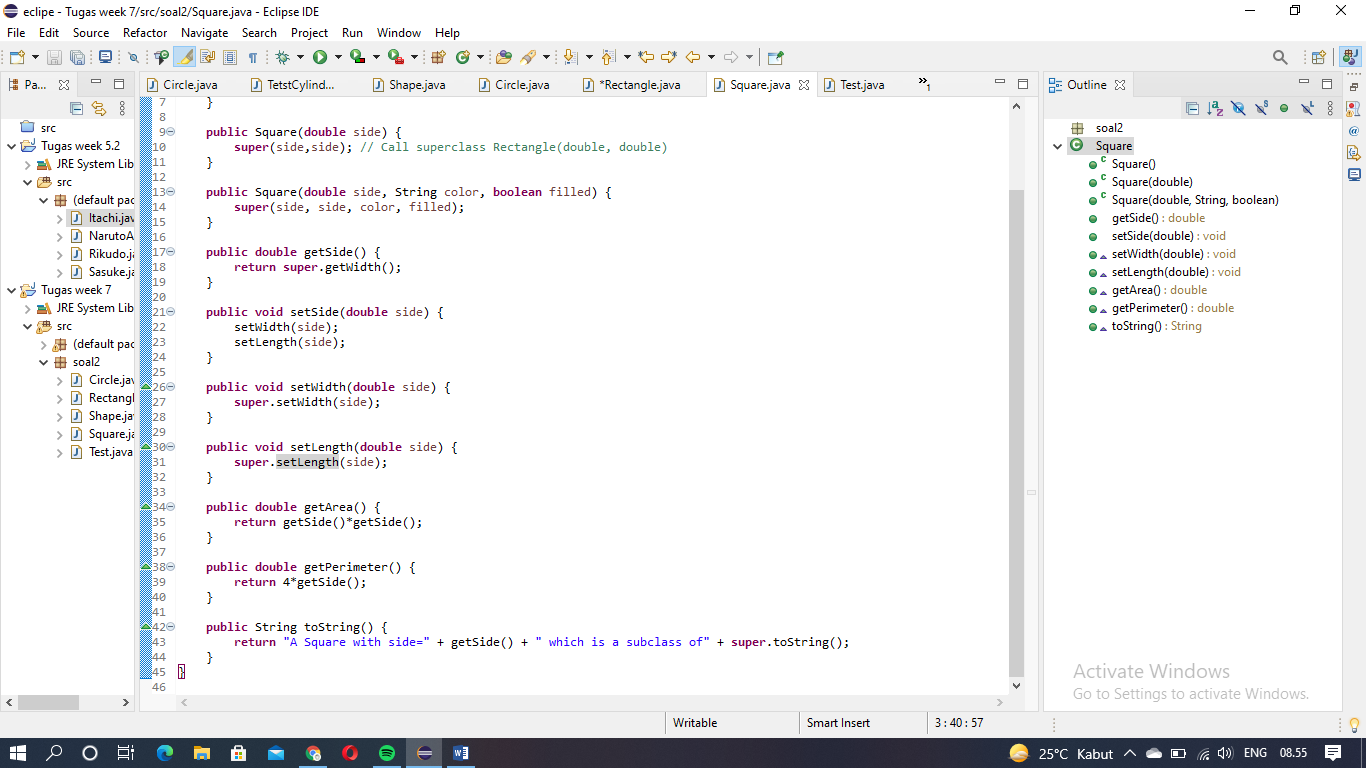


Output

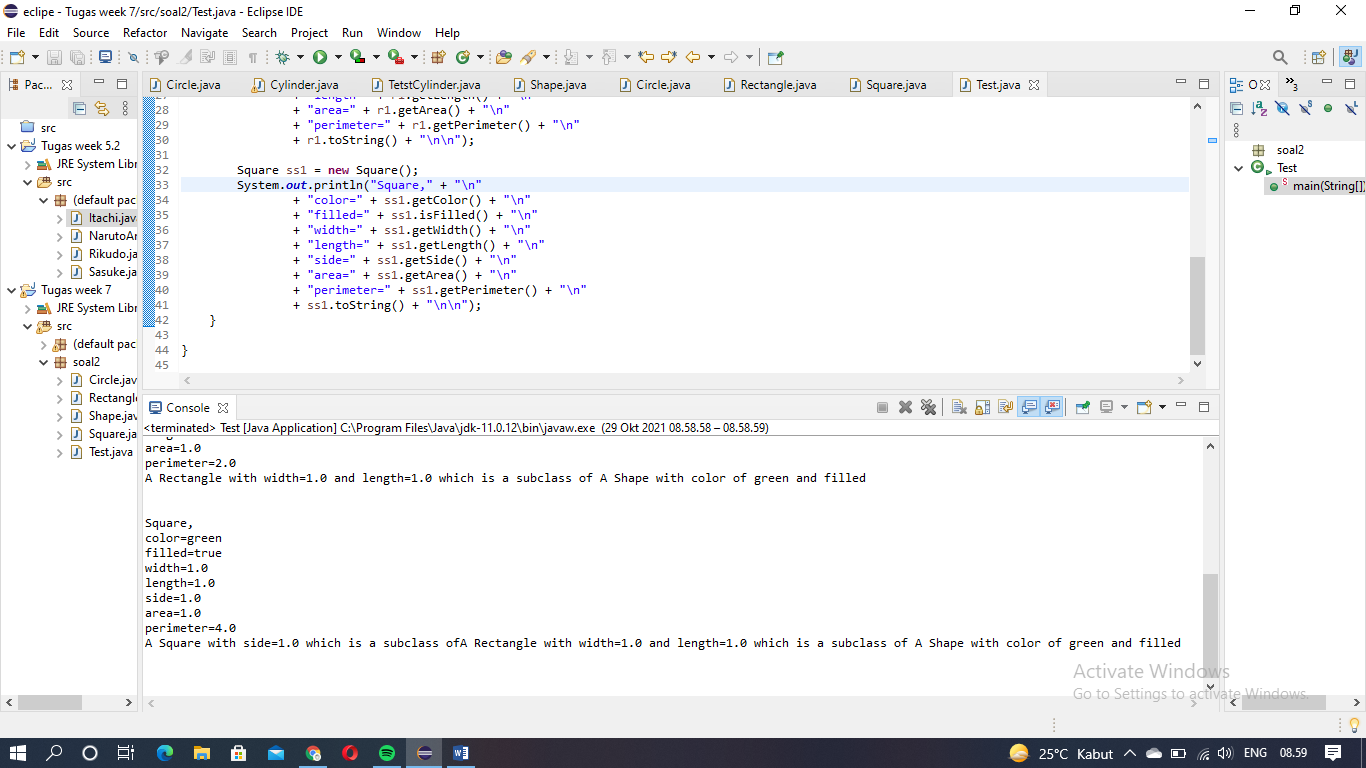


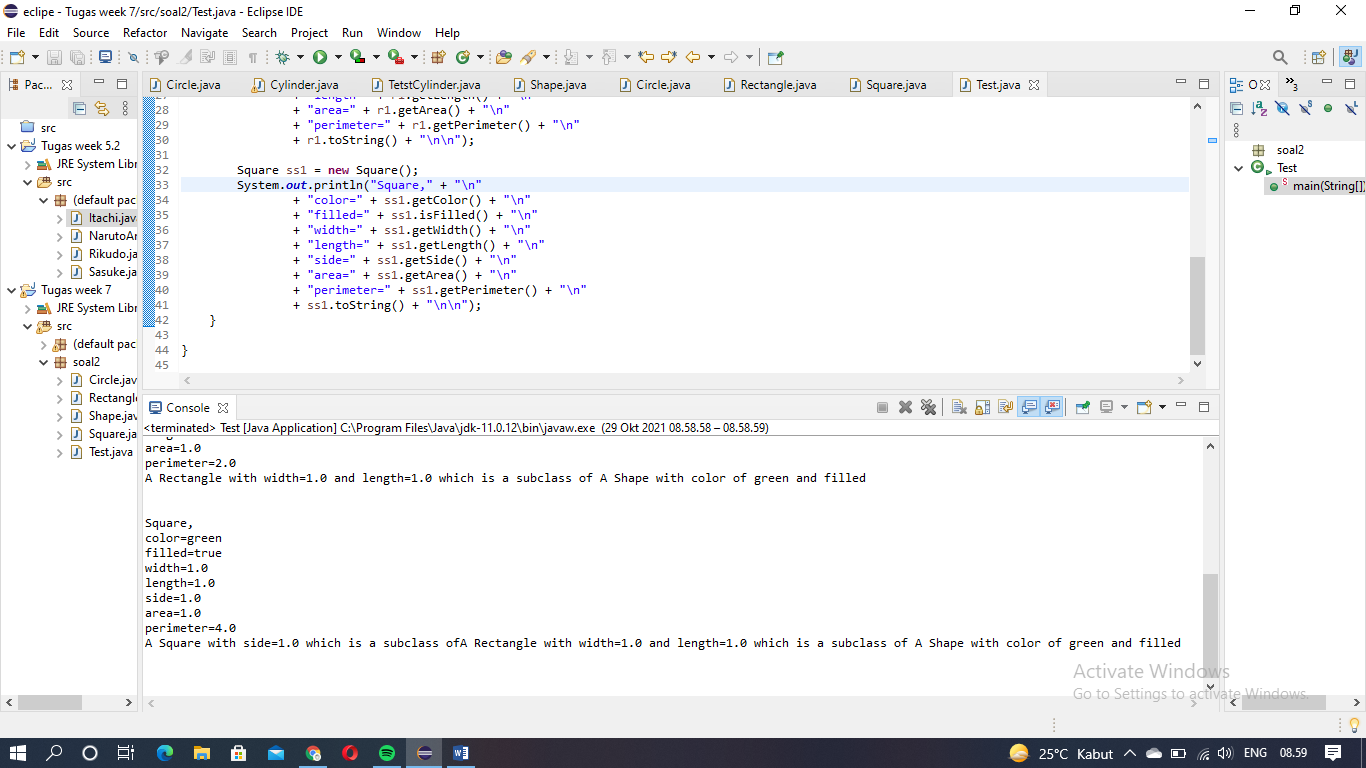
* Square.java



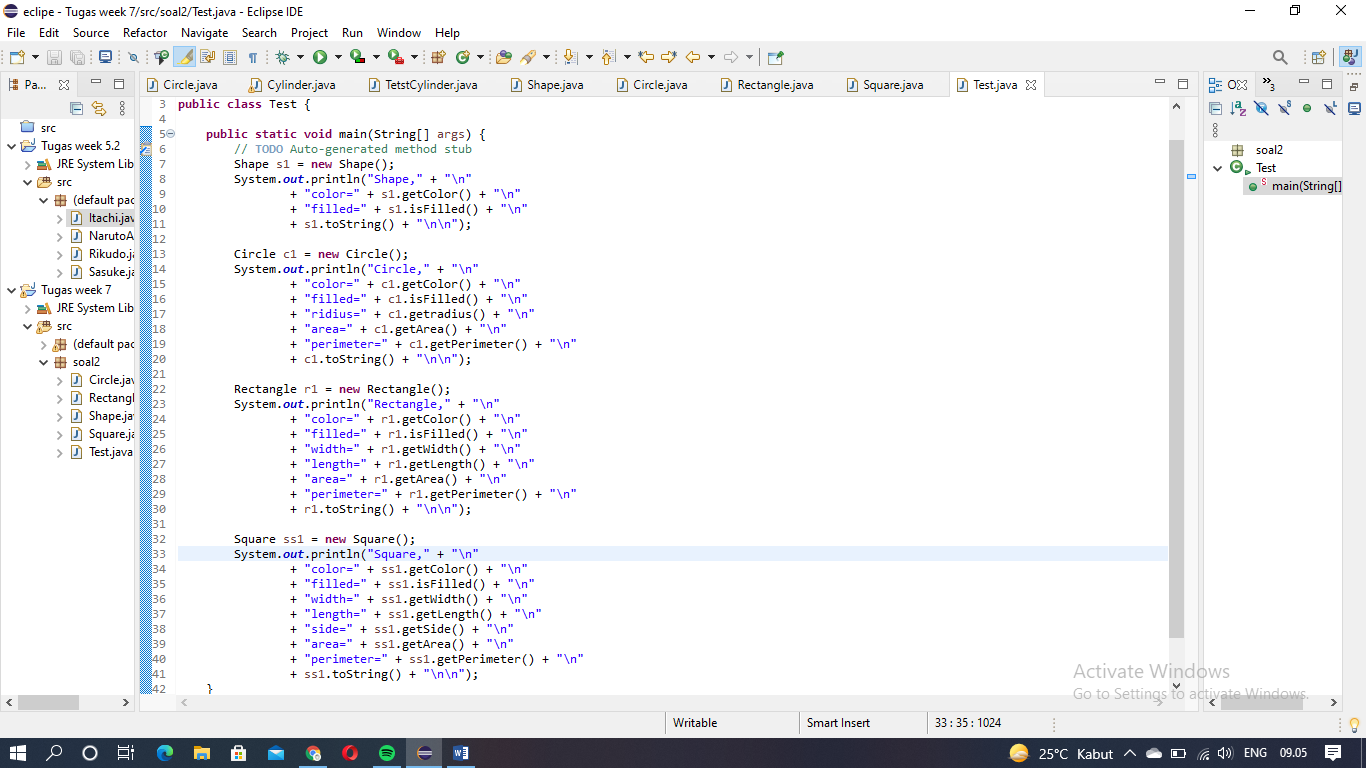


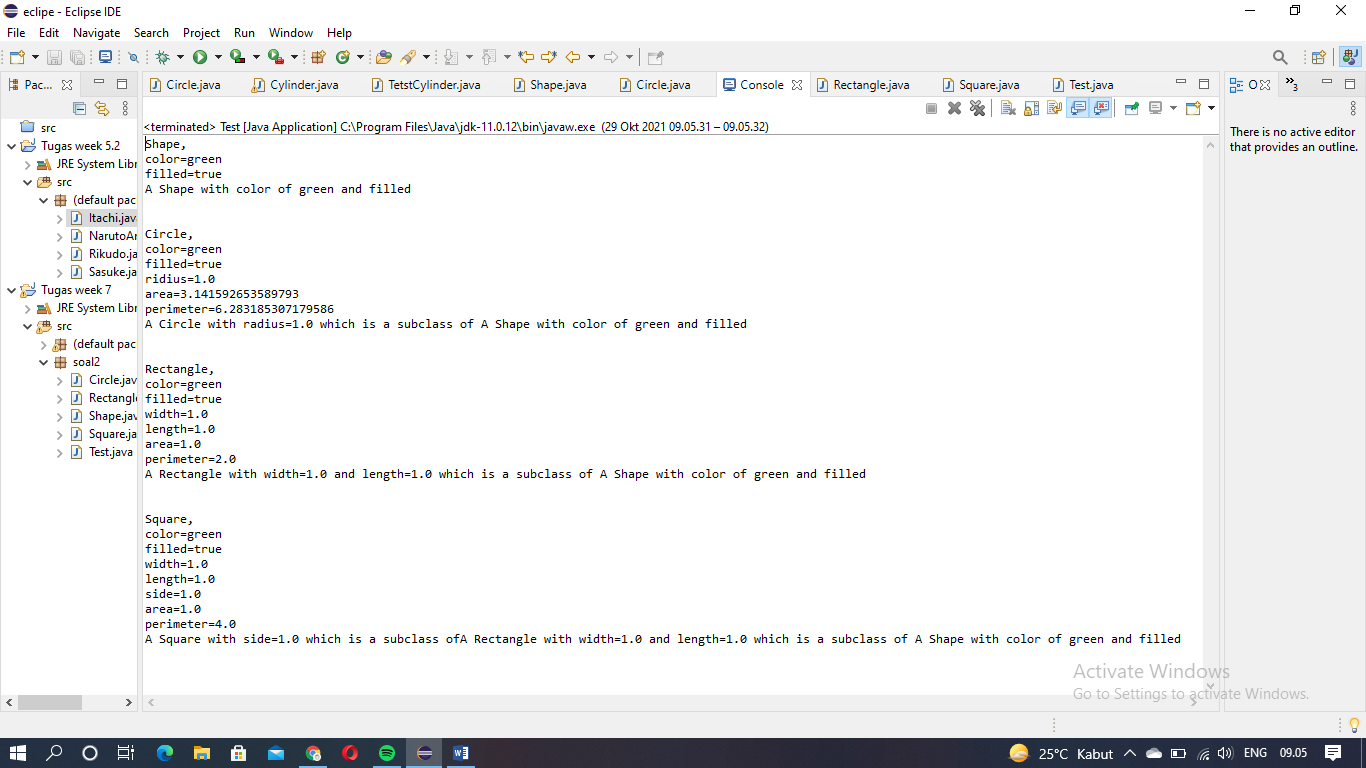
Output





* Test.java





1. Permasalahan :-
2. Solusi :-
3. Teman yang membantu :-