**Department of Computing**

**CS 212: Object Oriented Programming**

**Class: BSDS**

**Lab 4: Introduction to Classes & Objects**

**Date: 18th February 2025**

**Time: 2:00pm- 4:50pm**

**Instructor: Dr Nazia Pervaiz**

**Lab Engineer: Ms. Bareera Anam**

**Class: BSDS -02A**

**AILYA ZAINAB**

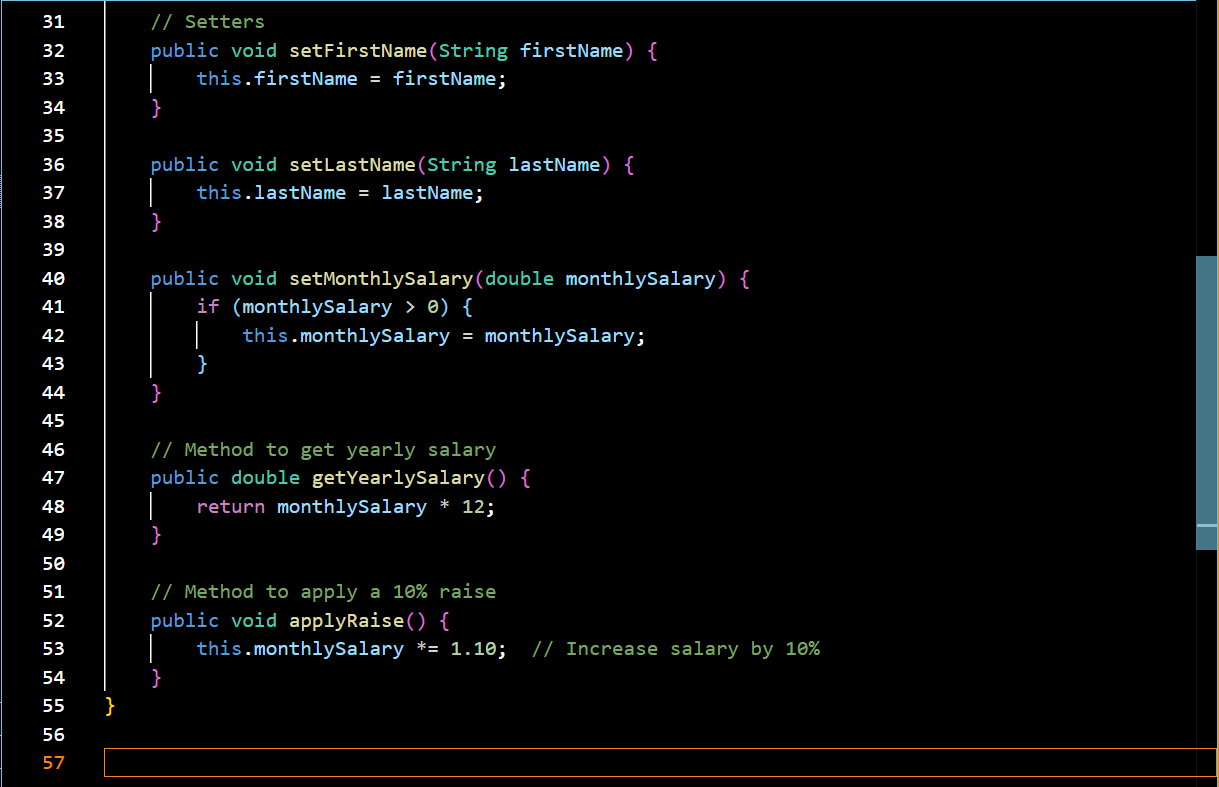
**( 5 2 3 5 0 6 )**

**TASK#01**

**INPUT:**

**Employee.java**

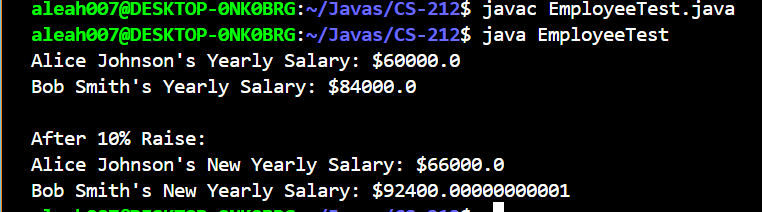




**EmployeeTest.java**



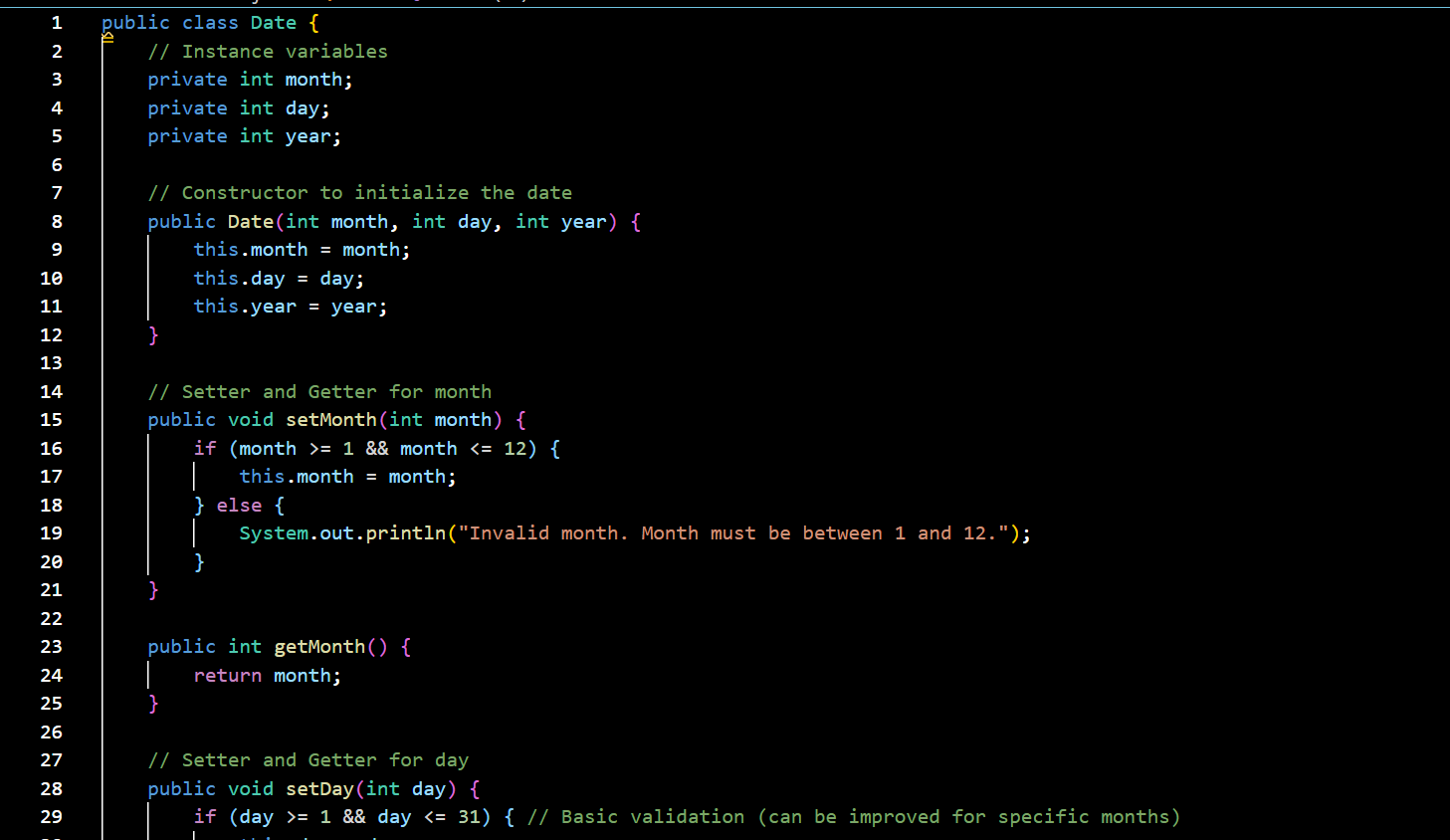
**OUTPUT:**

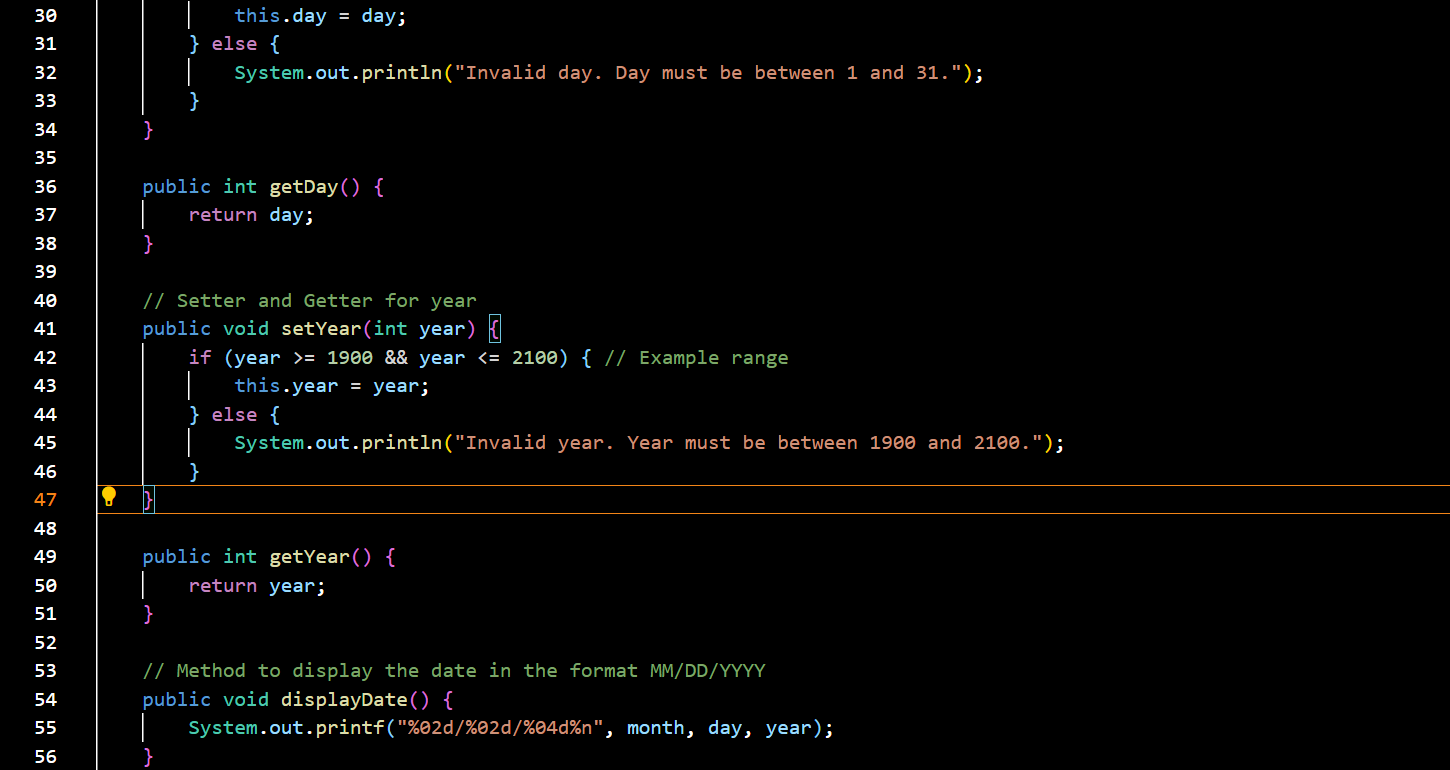


**TASK#02**

**INPUT:**

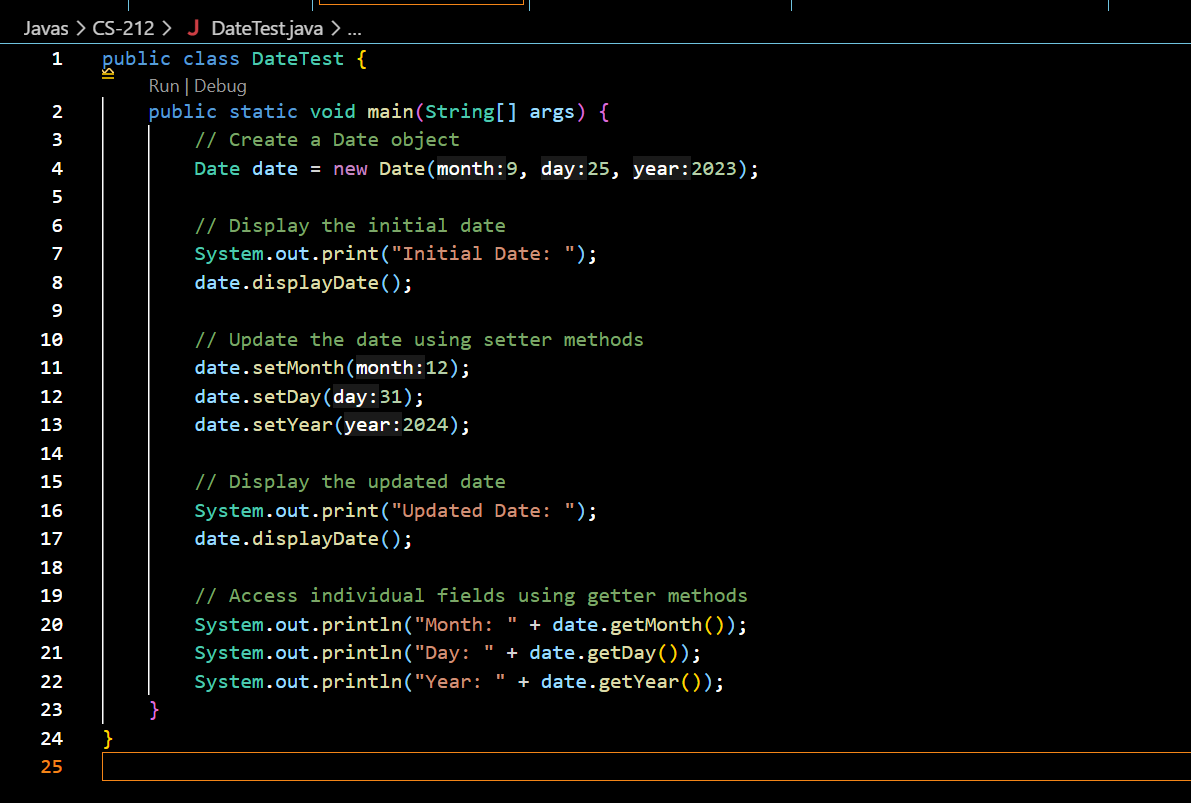
**Date.java**



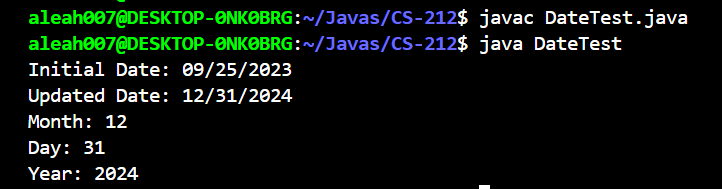


}

**DateTest.java**



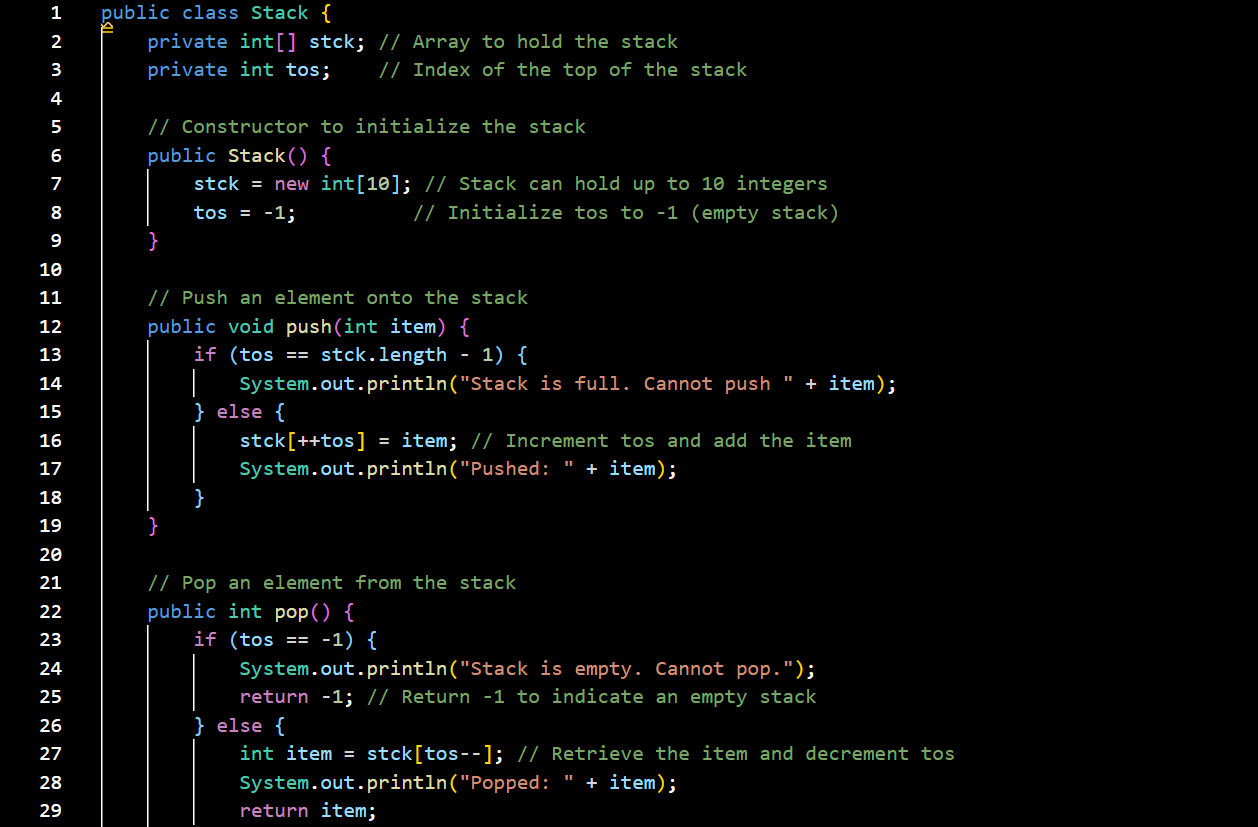
**OUTPUT:**

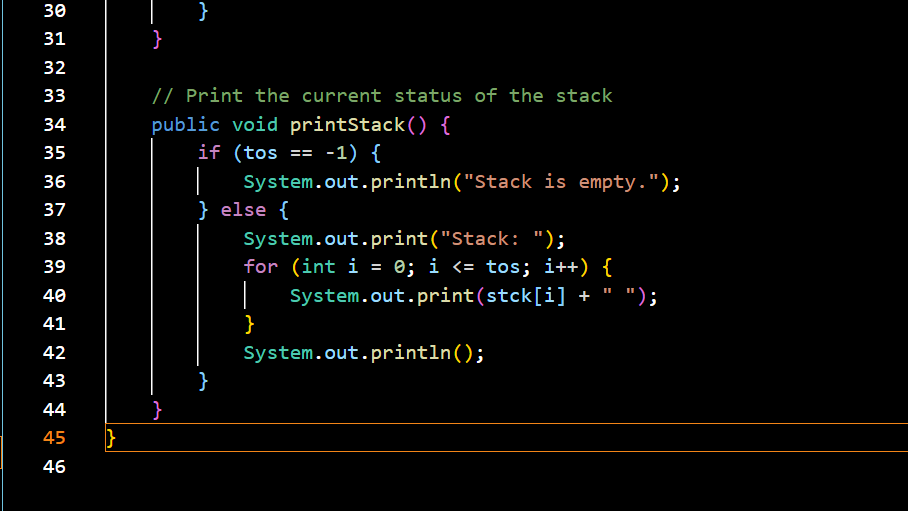


**TASK#03**

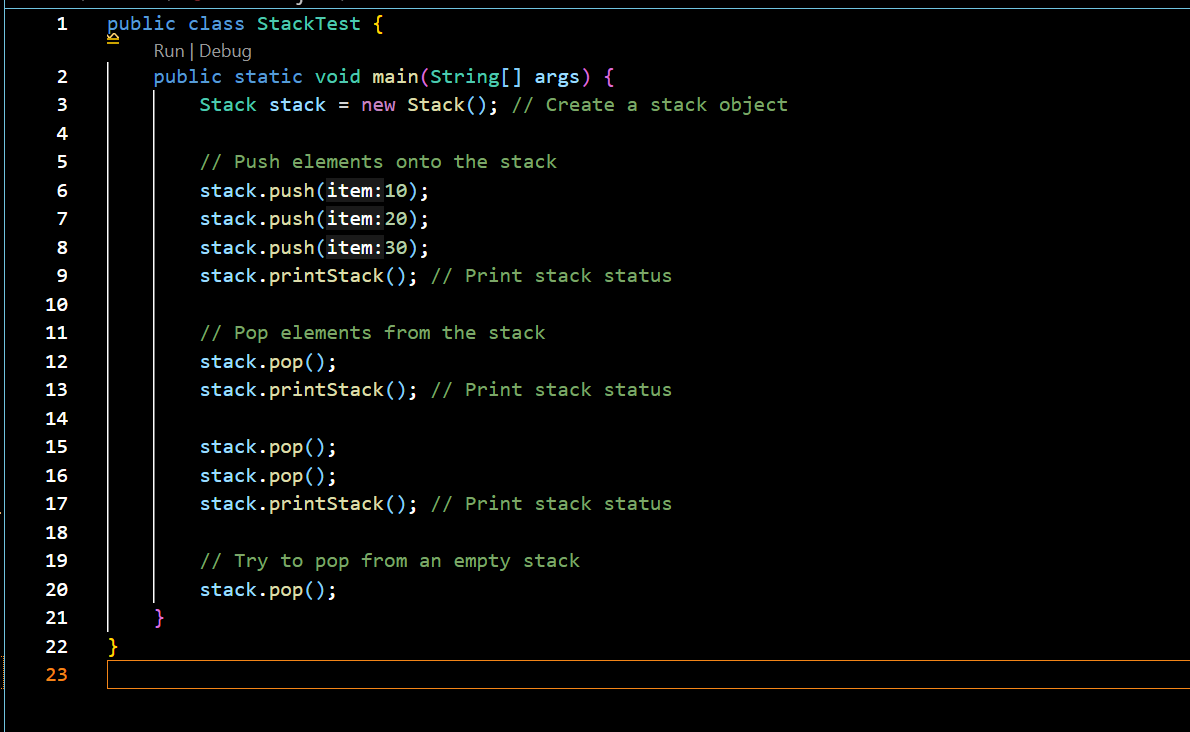
**INPUT:**

**Stack.java**

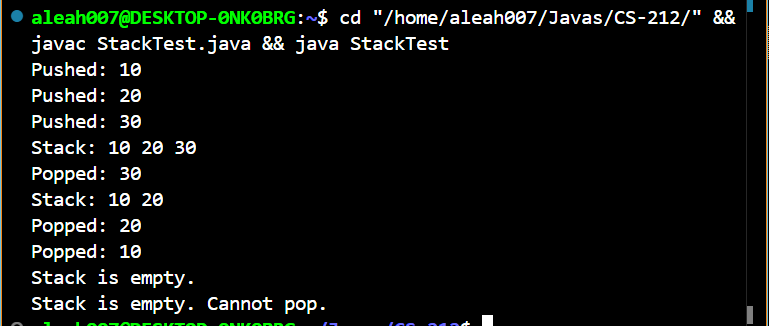




**StackTest.java**



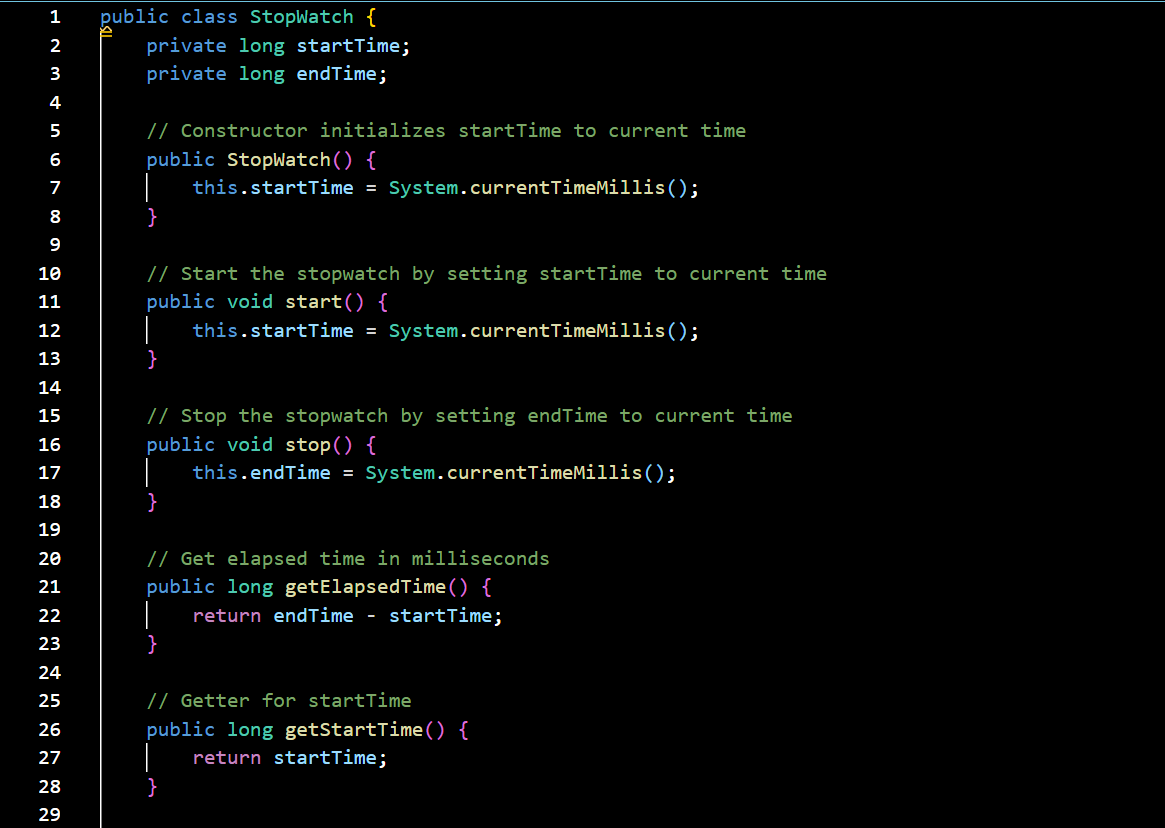
**OUTPUT:**

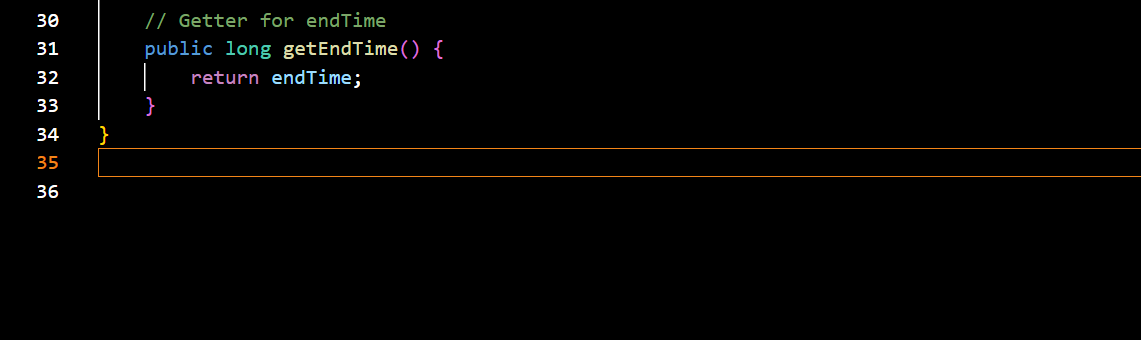


**TASK#04**

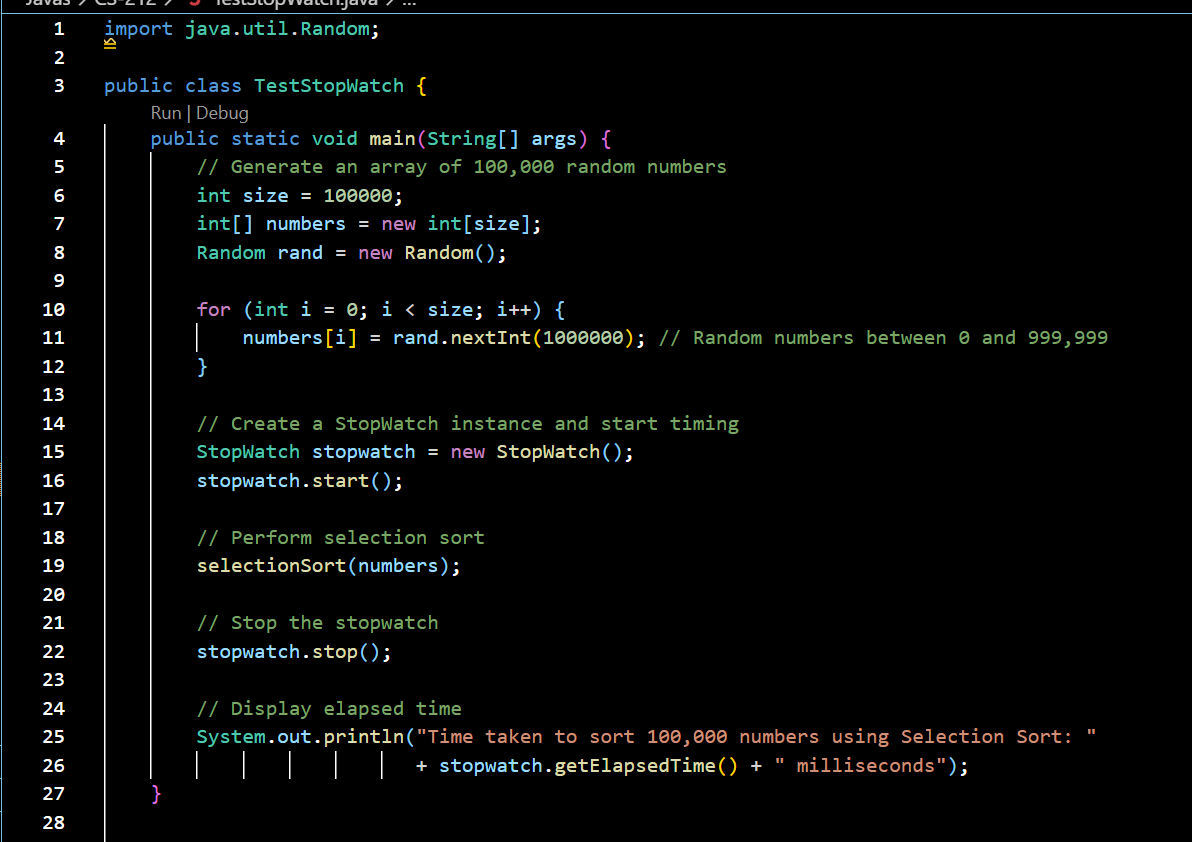
**INPUT:**

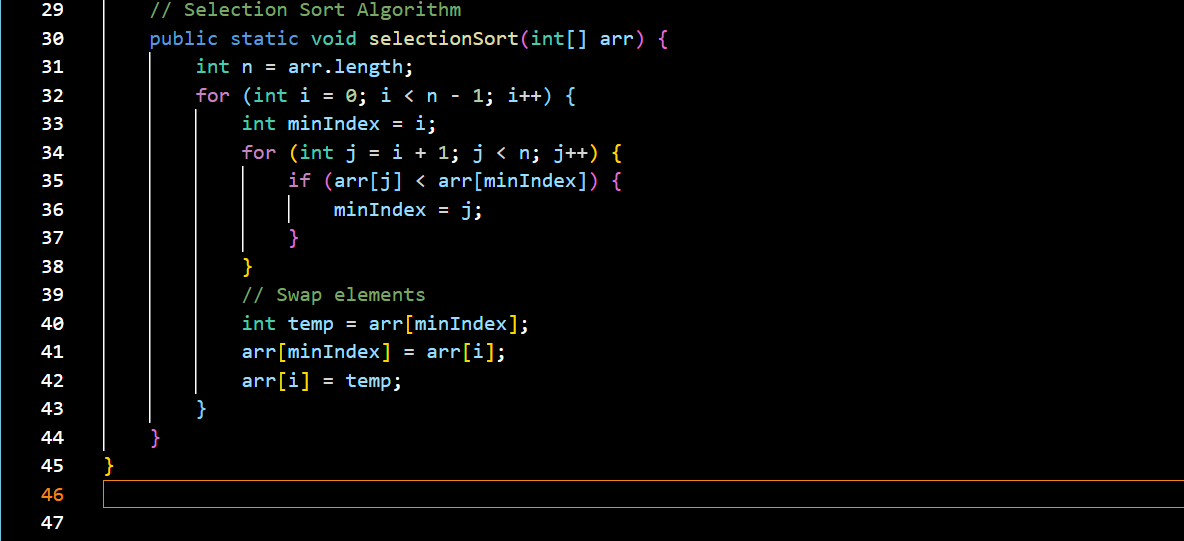
**StopWatch.java**



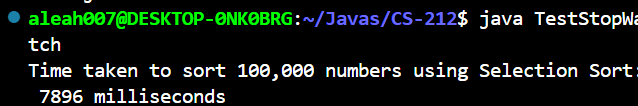


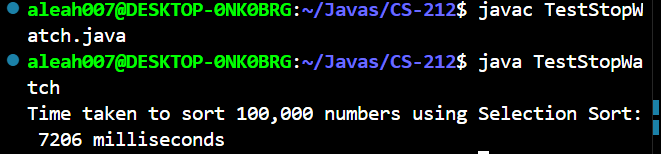
**TestStopWatch.java**



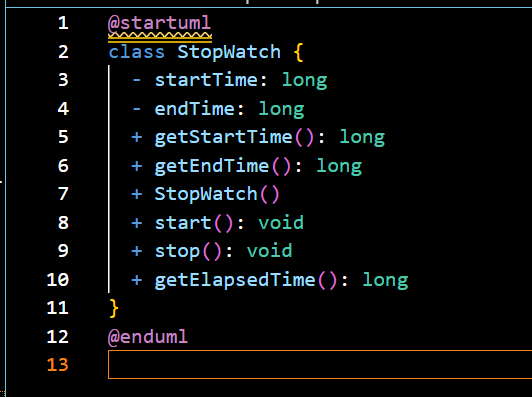


**OUTPUT:**





**UML BLUPRINT**



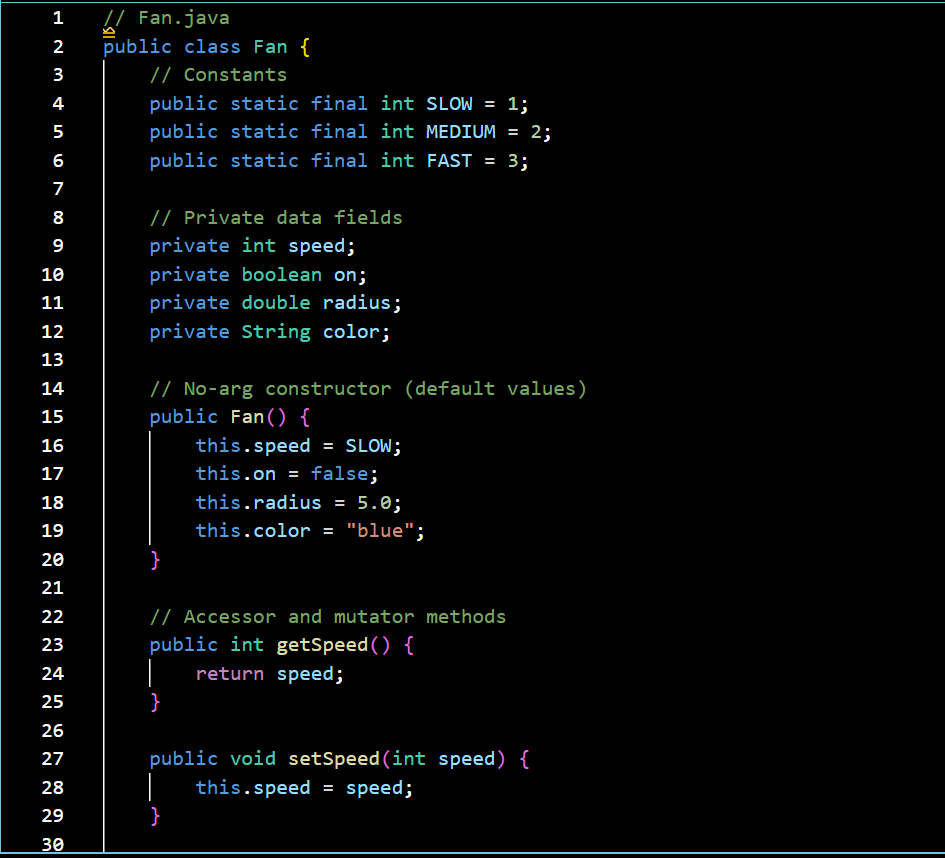
**UML**

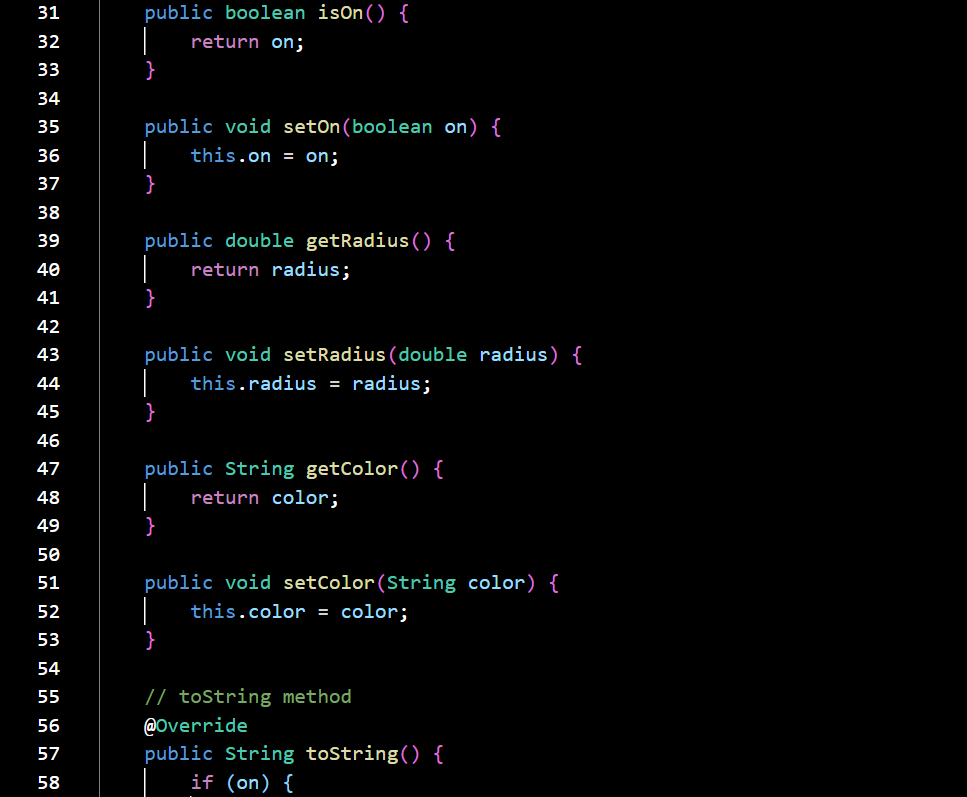


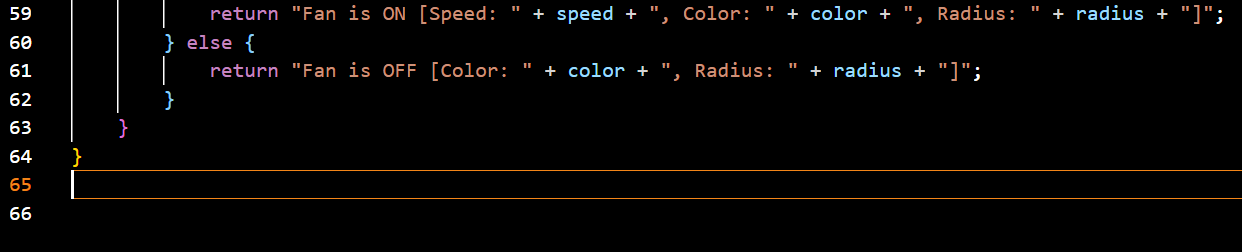
**TASK#05**

**INPUT:**

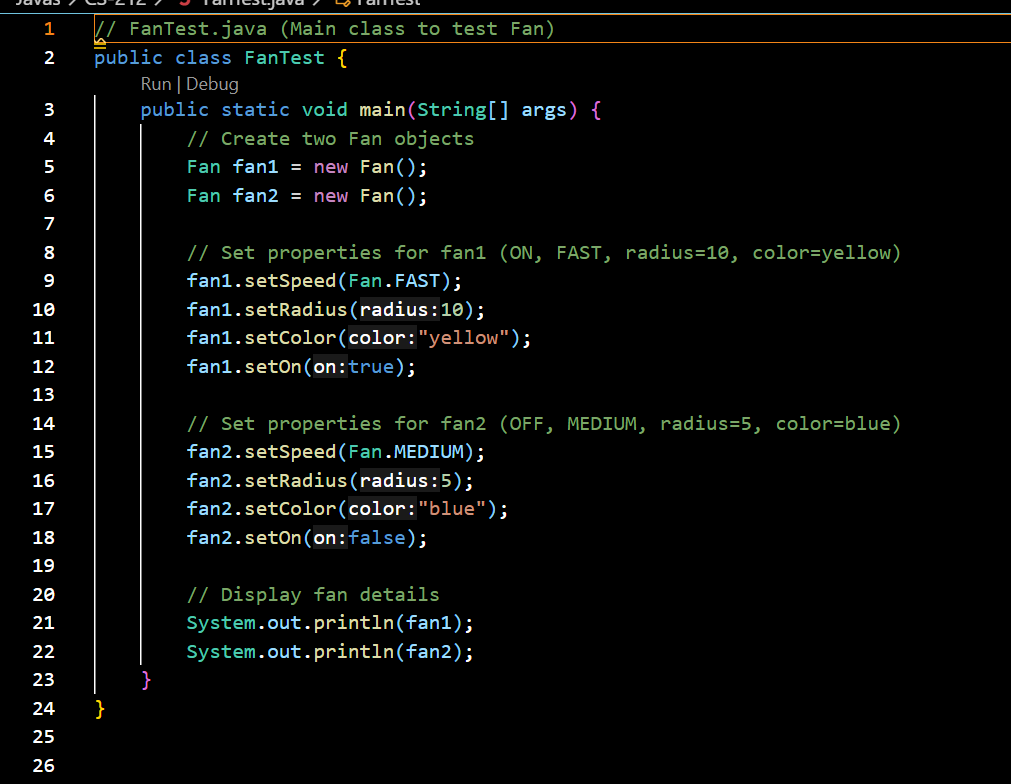
**Fan.java**



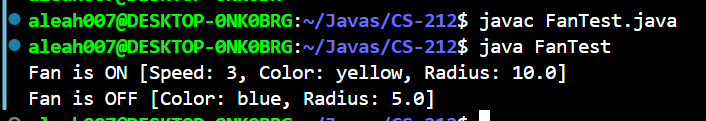




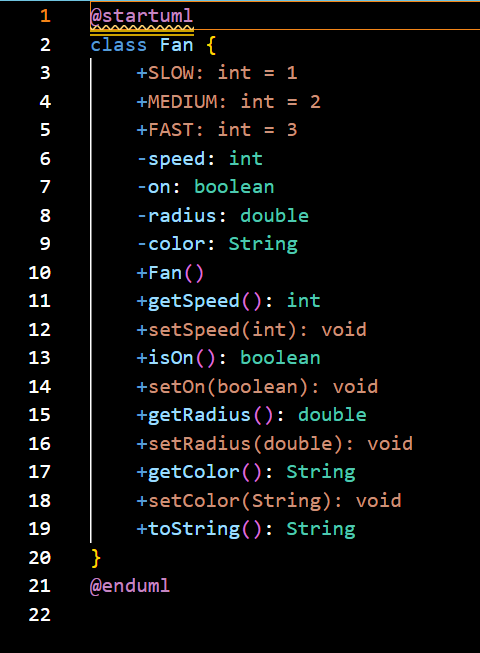
**FanTest.java**



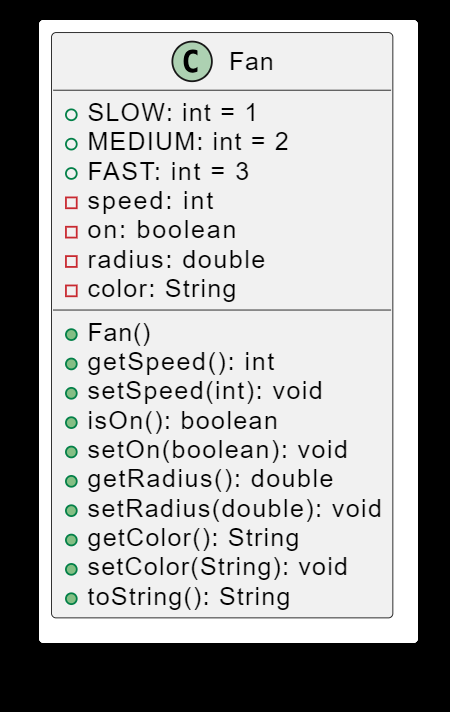
**OUTPUT:**



**UML BLUPRINT**



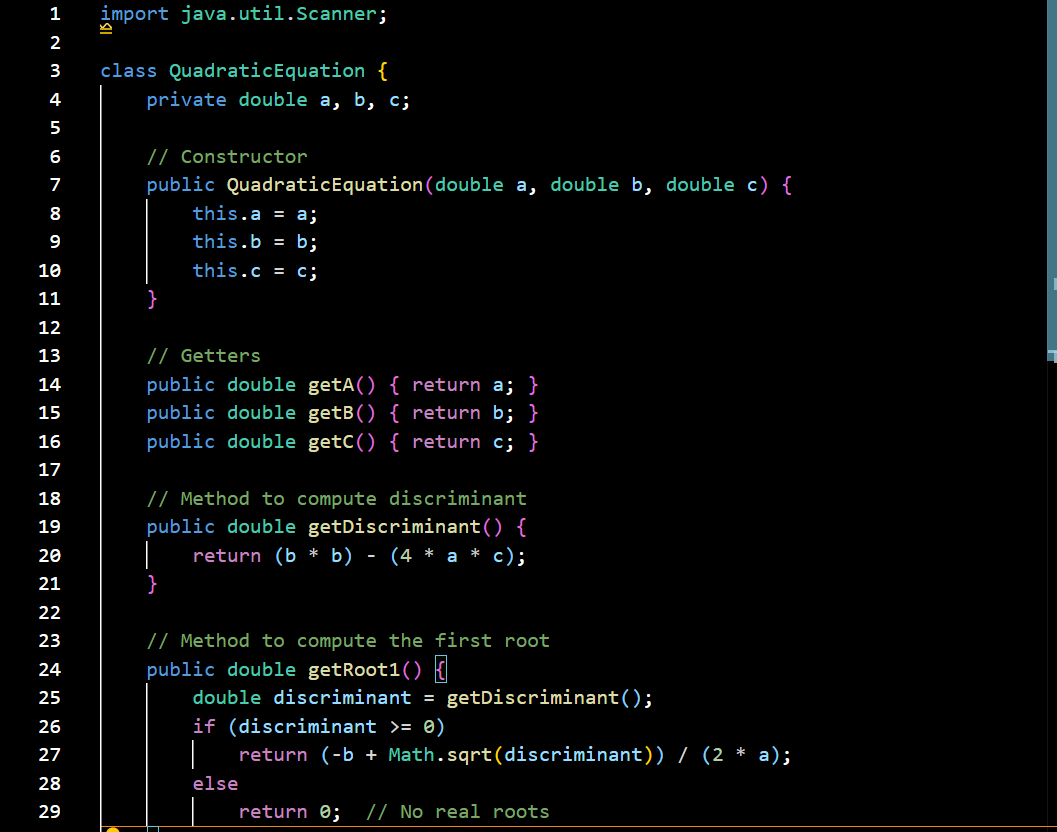
**UML**

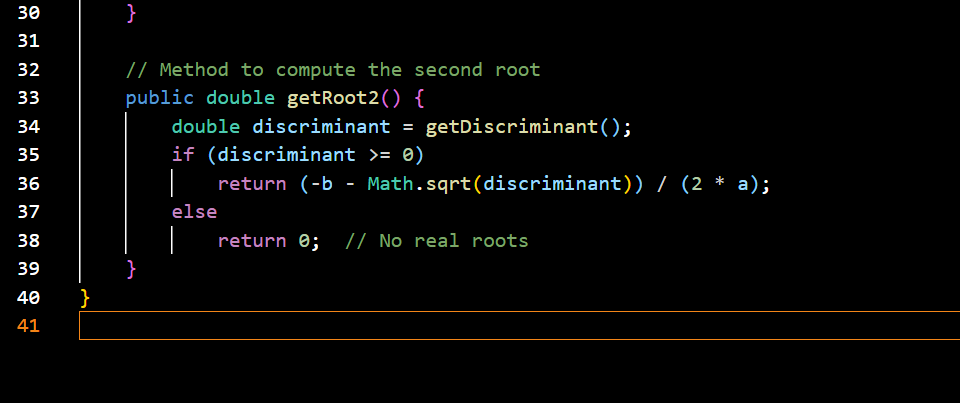


**TASK#06**

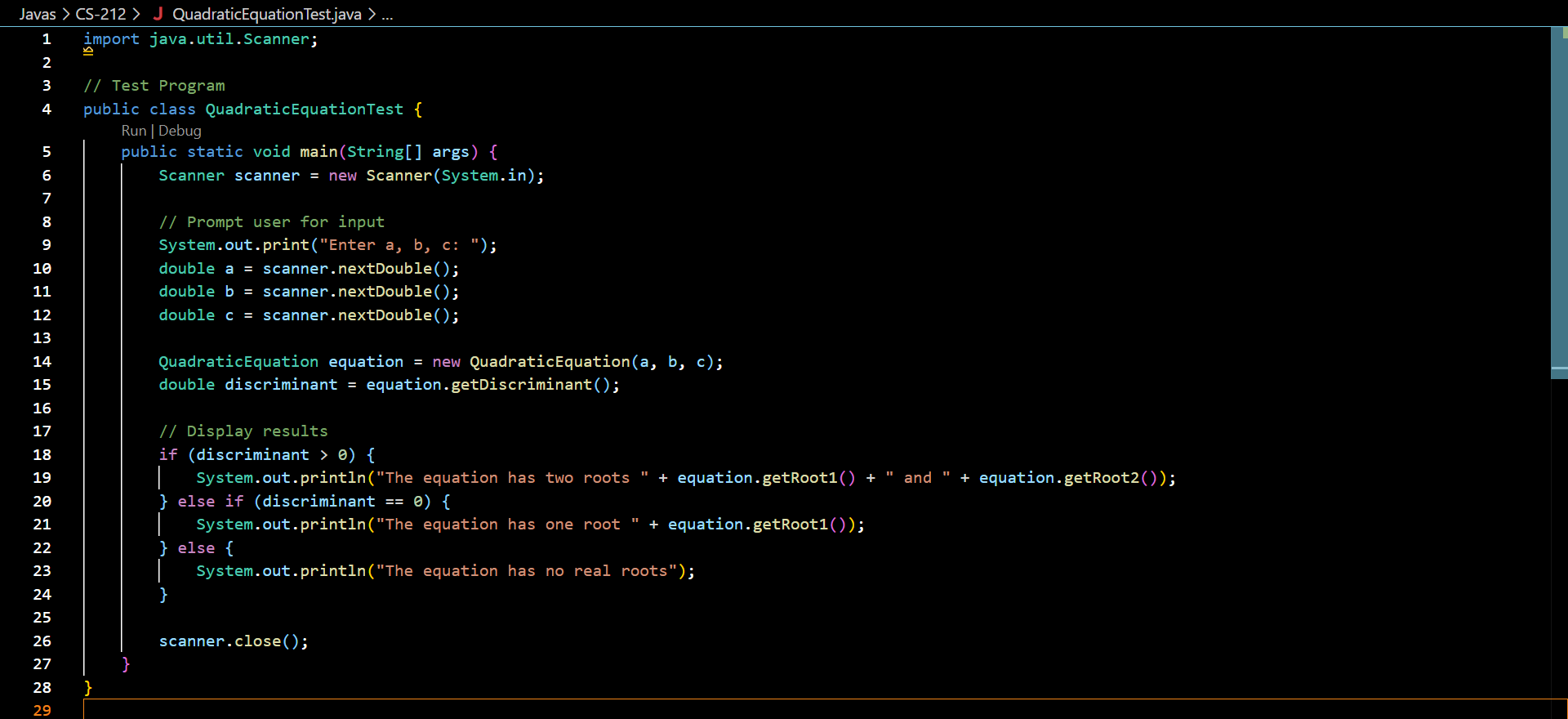
**INPUT:**

**QuadraticEquation.java**

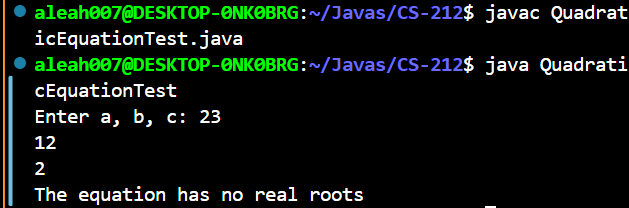


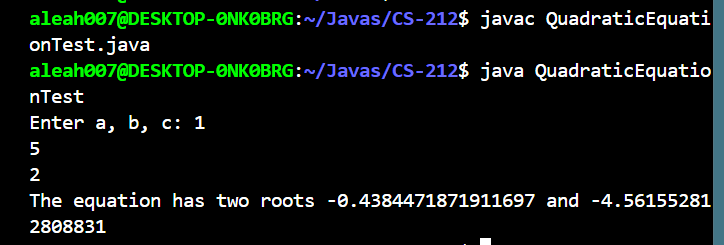


**QuadraticEquationTest.java**

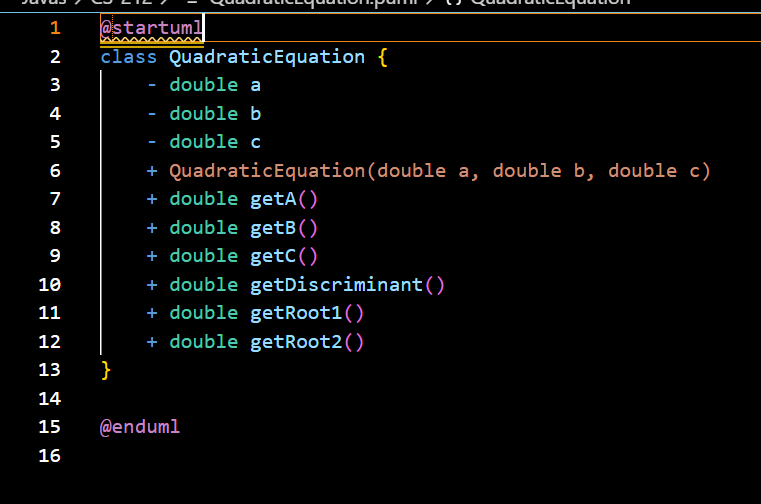


**OUTPUT:**





**UML BLUEPRINT:**



**UML:**

