```java
2. public class AccessModifiersDemo {

   public static void main(String[] args) {

   Person person = new Person();

   person.name = "John"; // public access modifier

   // person.age = 25; // Compile time error due to private access modifier

   person.setAge(25); // calling public method to set age

   System.out.println("Name: " + person.name + ", Age: " + person.getAge());

  }

}


class Person {

  public String name;

  private int age;


  public void setAge(int age) {

    this.age = age;

  }


  public int getAge() {

    return age;

  }

}
```