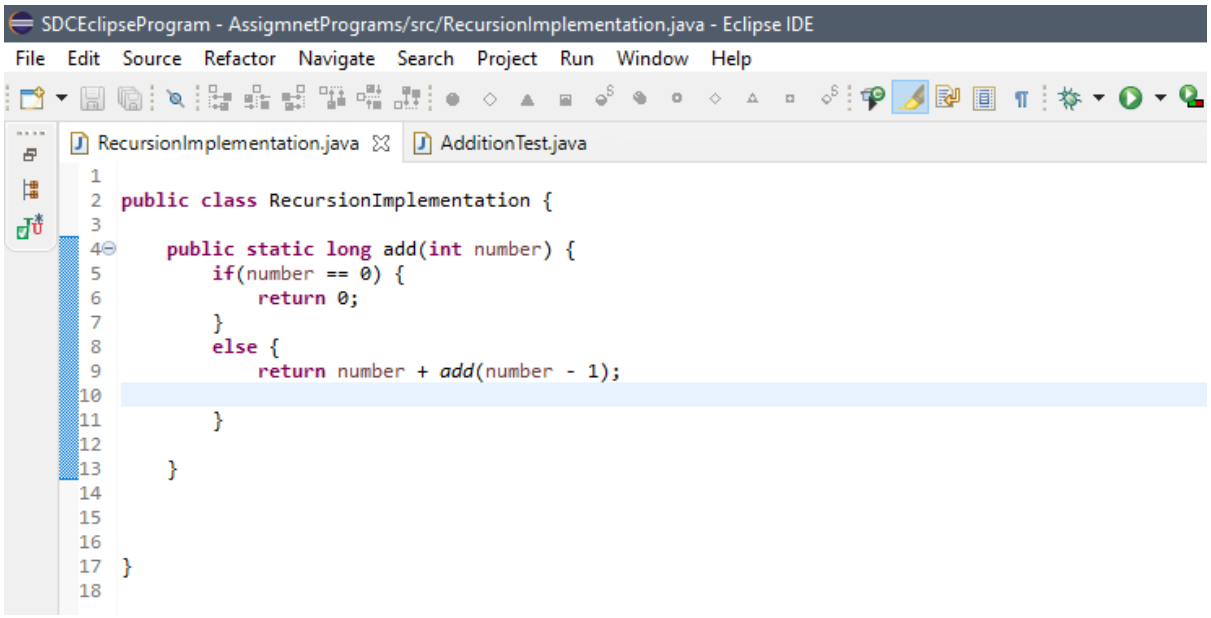
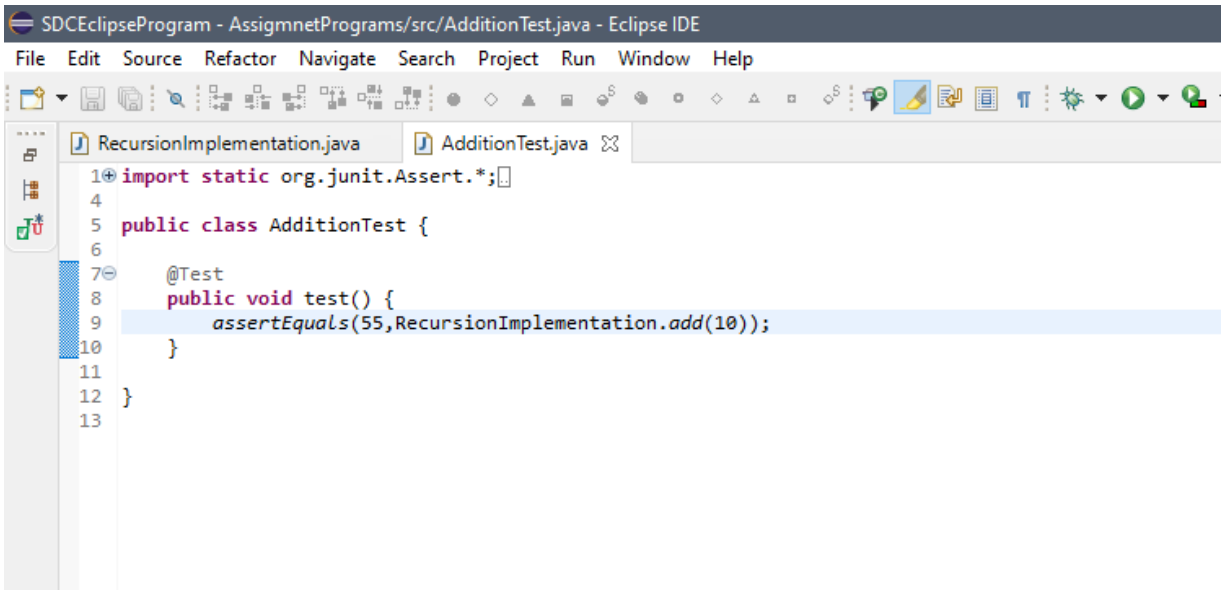
Software Construction and Development (SWE-312)
Assignment 2

SOLUTION 1B :-





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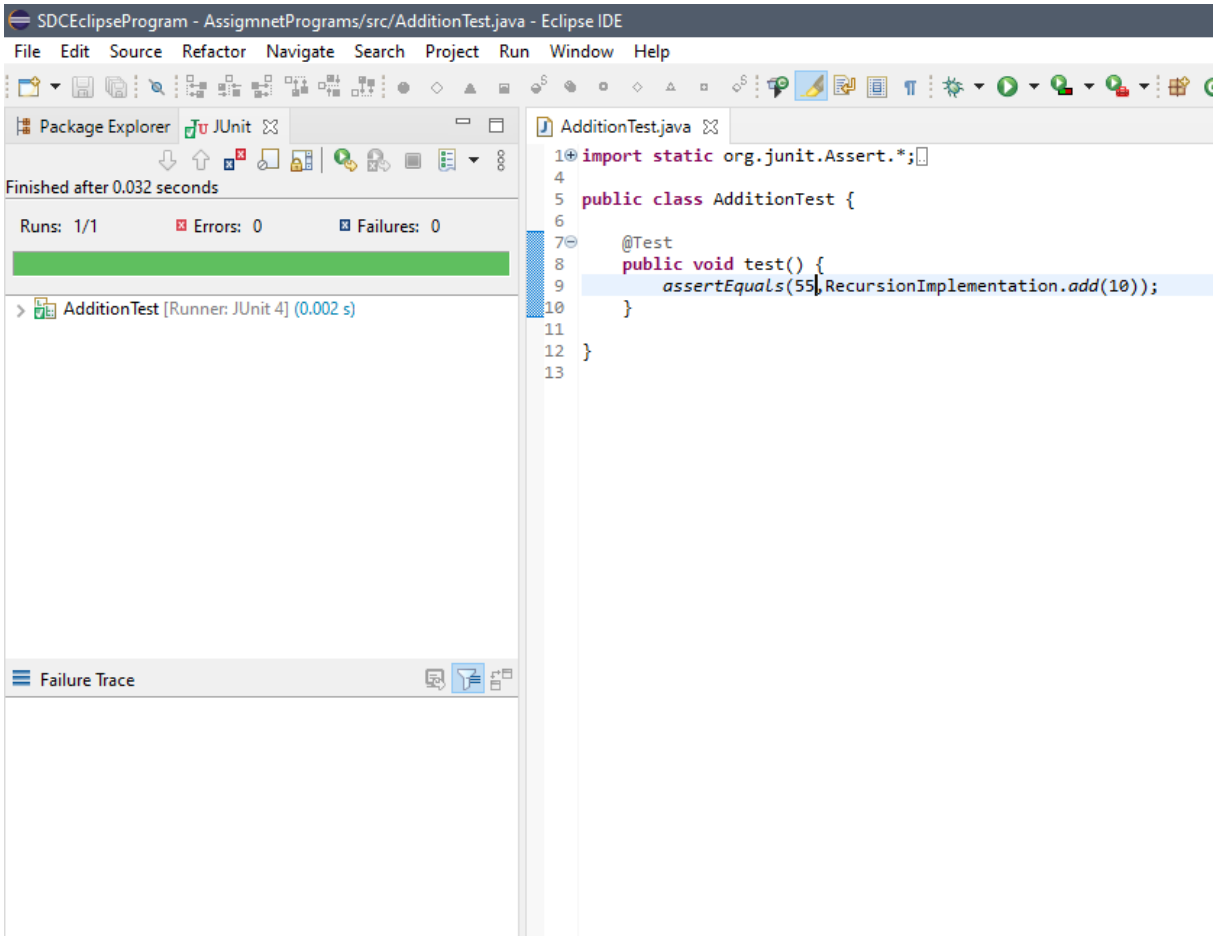

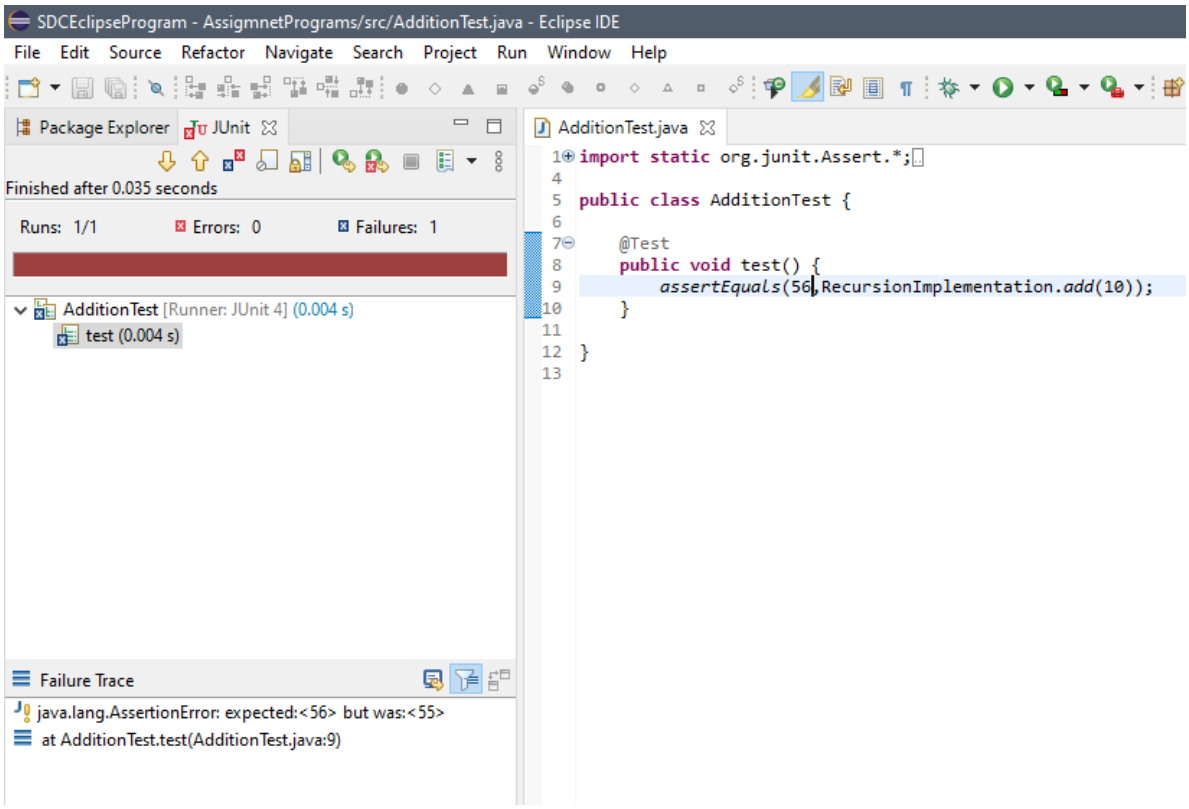

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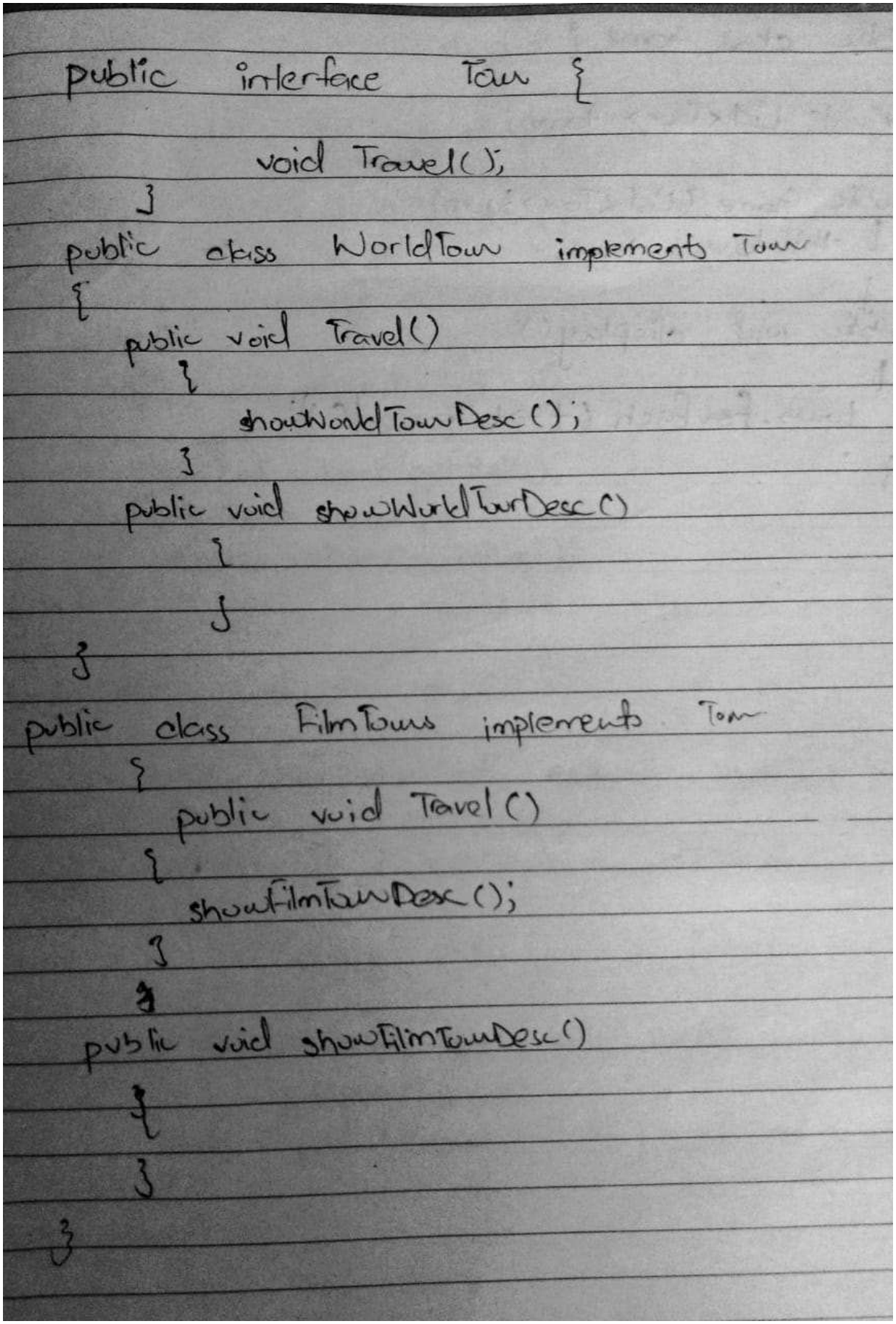
SOLUTION 2:-



```
public interface Tour {

        void Travel();
    }
public class WorldTour implements Tour
{
    public void Travel()
      {
        showWorldTourDesc();
      }
    public void showWorldTourDesc()
      {

      }
}
public class FilmTours implements Tour
    {
      public void Travel()
    {
      showFilmTourDesc();
    }
    }
public void showFilmTourDesc()
    {
    }
}
```

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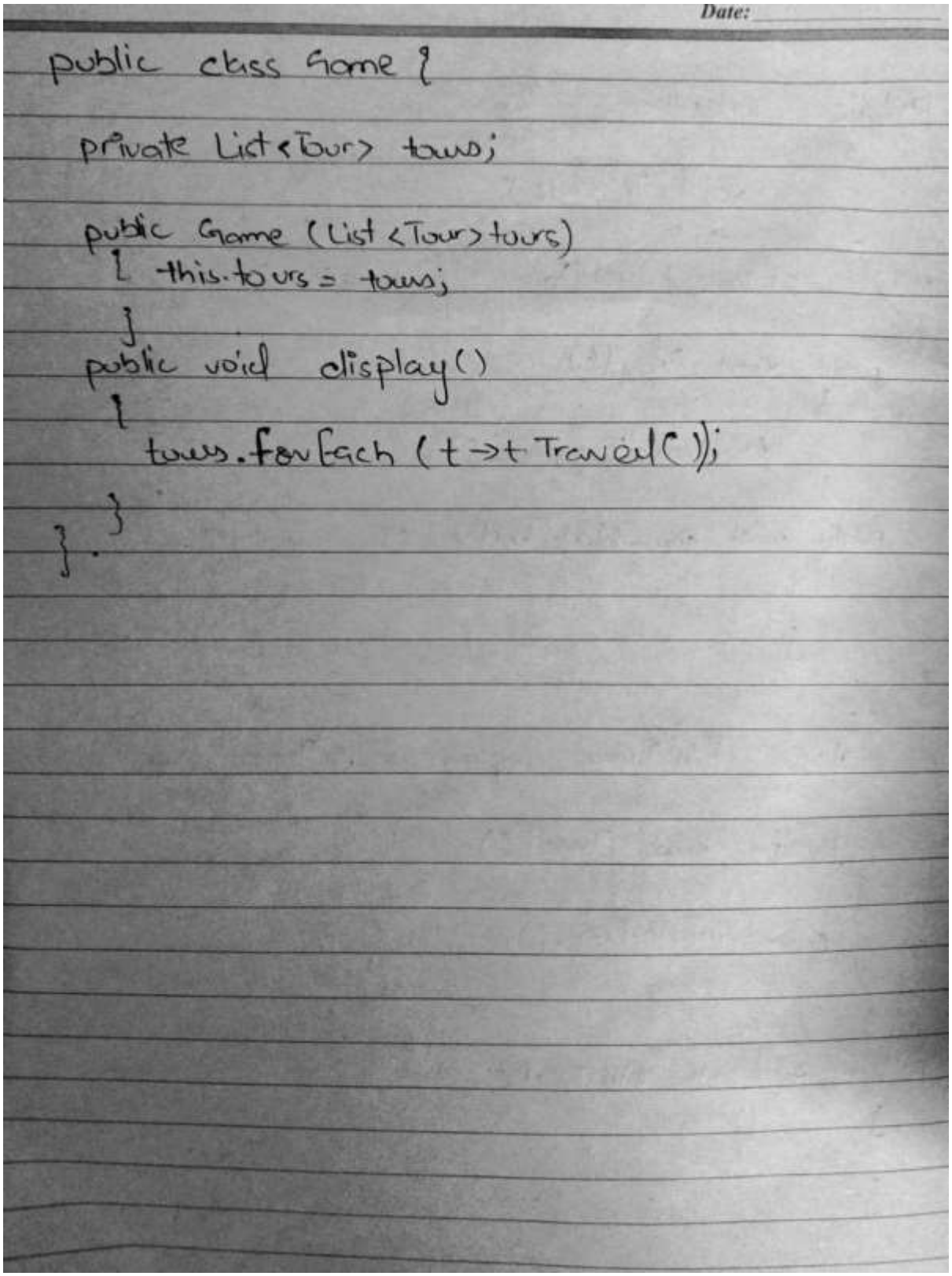

```
public class Game {

  private List<Tour> tours;

  public Game (List <Tour> tours)
    { this.tours = tours;
    }
  public void display()
    {
      tours.forEach (t->t Travel());
  }
}
```

SOLUTION 3:-

```
public class Transaction
    {
      private Display display;

    public Transaction (Display display).
  {
    this.display= display;
  }
  public void deposit (int Amount)

      int bal = bank.getBal();
          bal+= Amount;
       display. showAmount(bal);
    }
}
 import junit.framework;

public class TransactionTest extends TestCase
    {
       public void testDisplayAmount()
       {
        fakeDisplay display = new fakeDisplay ();

       Transaction t= new Transaction(display);
           t.deposit(5000)
       assertEquals (15000, display.getAmount);
    }
}
```

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```
public class fakeDisplay implements Display
{
  private int amount;

public void showAmount (int amount)
      {
        this. amount = amount;
      }
      public int getAmount()
      {
        return amount;
      }
}
```

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