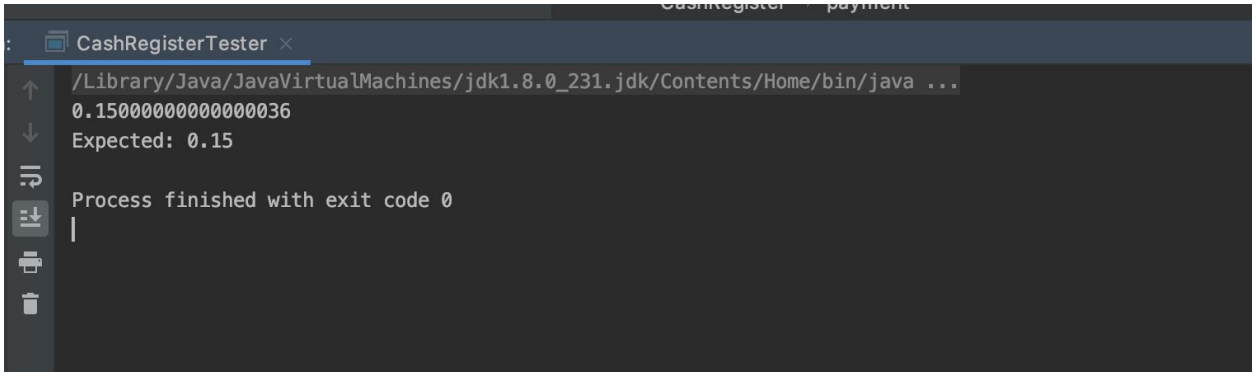
```java
import java.time.Period;

/**
A coin with a monetary value.

*/

public class Coin {   //[ 2 points] YOUR CODE to declare the private data members for the class Coin


   private double value;
   private String name;

/**

Constructs a coin.

@param aValue the monetary value of the coin

@param aName the name of the coin

*/



//[ 2 points] YOUR CODE
public Coin(){
   value = 0;
   name = " ";
}
public Coin(double aValue, String aName){
   value = aValue;
   name = aName;
}


/**

Gets the coin value.

@return the value

*/

//[ 2 points]YOUR CODE
   public double returnValue(){
       return value;
   }


/**

Gets the coin name.
```

```
@return the name

*/

//[ 2 points]YOUR CODE
   public String getName(){
      return name;
   }


}
```

```
/**

A cash register totals up sales and computes change due.

*/

public class CashRegister

{ //[ 2 points]YOUR CODE to declare to private data members
private double purchase;
private double payment;


   /**

   Constructs a cash register with no money in it.

   */

   public CashRegister()

   {

      purchase = 0;

      payment = 0;

   }



   /**

   Records the purchase price of an item.

   @param amount the price of the purchased item
```

```
   */

//[ 2 points]YOUR CODE
public void recordPurchase(double amount){
   purchase += amount;
}


   /**

      Enters the payment received from the customer.

      @param coinCount the number of coins received

      @param coinType the type of coin that was received

      */

   //[ 2 points]YOUR CODE
   public void receivePayment(int coinCount, Coin coinType){
      payment += coinType.returnValue() * coinCount;
   }




   /**

      Computes the change due and resets the machine for the next customer.

      @return the change due to the customer

      */
   public double giveChange()

   {

      double change = payment - purchase;

      purchase = 0;

      payment = 0;

      return change;

   }

}
```


CashRegisterTester
/Library/Java/JavaVirtualMachines/jdk1.8.0_231.jdk/Contents/Home/bin/java ...
0.15000000000000036
Expected: 0.15
Process finished with exit code 0