Programming I - Assignment 1

Student Name: Evelyn Toledo Lally
Student Number: 22102020

Code:

```java
package Section3;

import java.util.Scanner;
import java.text.DecimalFormat;

public class ConcertTotalSales { // start of class

        public static void main(String[] args) {// start of main method

                // declare the type and name of the variables
                int seatsSoldA;
                int seatsSoldB;
                int seatsSoldC;
                double ticketPriceA;
                double ticketPriceB;
                double ticketPriceC;

                Scanner input = new Scanner(System.in); // creates scanner object
                DecimalFormat df = new DecimalFormat("0.00"); // creates  decimal format
object

                        // prompts the user to enter a number
                        System.out.print("Enter number of A seats sold:" );
                        seatsSoldA=input.nextInt();  // assigns the input to the variable

                        System.out.print("Enter price of A tickets:" );
                        ticketPriceA=input.nextDouble();

                        System.out.print("Enter number of B seats sold:" );
                        seatsSoldB=input.nextInt();

                        System.out.print("Enter price of B tickets:" );
                        ticketPriceB=input.nextDouble();

                        System.out.print("Enter number of C seats sold:" );
                        seatsSoldC=input.nextInt();

                        System.out.print("Enter price of C tickets:" );
                        ticketPriceC=input.nextDouble();

                        //Print the calculations output to the screen
                        System.out.println("\n \t \t Tickets Sold \t Price per Ticket");
                        System.out.println("\n A Tickets: \t  " + seatsSoldA  + "\t \t " +
df.format(ticketPriceA));
                        System.out.println("\n B Tickets: \t  " + seatsSoldB + "\t \t " +
df.format(ticketPriceB));
```

```java
                    System.out.println("\n C Tickets: \t  " + seatsSoldC + "\t \t " +
df.format(ticketPriceC));
                    System.out.println("\n \t \t  Total Sales €" +
df.format(((seatsSoldA*ticketPriceA)+(seatsSoldB*ticketPriceB)+(seatsSoldC*ticketPriceC))
) );

        } // end of main method

} // end of main method
```