

Lab Exercise 1

```
import java.util.Scanner;
public class CelsiusToFahrenheit {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a temperature in Celsius: ");
        double celsius = input.nextDouble();
        double fahrenheit = (9.0 / 5) * celsius + 32;
        System.out.println(celsius + " Celsius is " + fahrenheit + " Fahrenheit");
        input.close();
    }
}
```

Lab Exercise 2

```
import java.util.Scanner;
public class CalculateGratuity {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter subtotal and gratuity rate: ");
        double subtotal = input.nextDouble();
        double gratuityRate = input.nextDouble();
        double gratuity = subtotal * (gratuityRate / 100.0);
        double total = subtotal + gratuity;
        System.out.println("The gratuity is $" + gratuity + " total is $" + total);
        input.close();
    }
}
```