

```

//display output

System.out.println("Name: " + name);
System.out.println("Address: " + address);
System.out.println("City: " + city);
System.out.println("State: " + state);
System.out.println("Zip Code: " + zipCode);

System.out.println("The number of units taken is: " + intUnitsTaken);

//format tuition values and monthly payment as currency and display
System.out.println("The tuition before discount is " +
NumberFormat.getCurrencyInstance(new Locale("en", "US")).format(tuition));
System.out.println("The tuition after discount is " +
NumberFormat.getCurrencyInstance(new Locale("en", "US")).format(afterDiscount));
System.out.println("Your monthly payment is: " +
NumberFormat.getCurrencyInstance(new Locale("en", "US")).format(monthlyPayment));
}
}

```

Unit 2

```

//IT213 Unit 2 Assignment
//This class is used to get user input
import java.util.Scanner;

public class IT213_YourLastName_Unit2 {

//Main is the entry point for your code
public static void main(String[] args) {

//create an object of a Scanner class to take user input from console
Scanner input = new Scanner(System.in);

//declare variables for all sections
int number1;
int number2;
double grade;
int month;
int dayOfWeek;

//*****

//***Assignment 2 Section 1

//*****

```

```

System.out.print("Assignment 2: Section 1 - Number Comparison \n\n");

//Request the user to enter two whole numbers and store those whole numbers
in two appropriately defined variables
System.out.print("Enter first integer: ");
number1 = input.nextInt();

System.out.print("Enter second integer: ");
number2 = input.nextInt();

//Compare the two whole numbers with each of the following comparison
operators. ==, !=, <, >, <=, >=
//Each statement that proves true should print to the console the numbers
compared and the comparison made

//printf() provides string formatting
//%d is the format specifier to display the value of an integer variable
//%n is the format specifier for a line separator

if (number1 == number2)

    System.out.printf("%d = %d\n", number1, number2);

if (number1 != number2)

    System.out.printf("%d <> %d\n", number1, number2);

if (number1 < number2)

    System.out.printf("%d < %d\n", number1, number2);

if (number1 > number2)

    System.out.printf("%d > %d\n", number1, number2);

if (number1 <= number2)

    System.out.printf("%d <= %d\n", number1, number2);

if (number1 >= number2)

    System.out.printf("%d >= %d\n", number1, number2);

//*****

//****Assignment 2 Section 2

//*****

System.out.print("\nAssignment 2: Section 2 - Grade Check \n\n");

//Request the user to enter a grade
System.out.print("Enter your grade to see if you passed: ");
grade = input.nextDouble();

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//Using an if statement with an else clause, compare the user input with the
number 60
//If the grade entered is greater than or equal to 60 then print to the
console, "Congratulations, you passed."
//If the grade is below 60 then print to the console, "Sorry, you failed."

if (grade >= 60)
    System.out.println("Congratulations, you passed.");
else
    System.out.println("Sorry, you failed.");

//*****

//****Assignment 2 Section 3

//*****

System.out.print("\nAssignment 2: Section 3 - Return the Name of the Month
\n\n");

//Request the user to enter a number for a month
System.out.print("Enter the number of the month: ");
month = input.nextInt();

//Using an if statement with a series of else if statements, determine which
month was entered and display the name of the month

if (month==1)
    {
        System.out.println("The month is January.");
    }
else if (month == 2)
    {
        System.out.println("The month is February.");
    }
else if (month == 3)
    {
        System.out.println("The month is March.");
    }
else if (month == 4)
    {
        System.out.println("The month is April.");
    }
else if (month == 5)
    {
        System.out.println("The month is May.");
    }
else if (month == 6)
    {
        System.out.println("The month is June.");
    }
else if (month == 7)
    {
        System.out.println("The month is July.");
    }

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    }
    else if (month == 8)
    {
        System.out.println("The month is August.");
    }
    else if (month == 9)
    {
        System.out.println("The month is September.");
    }
    else if (month == 10)
    {
        System.out.println("The month is October.");
    }
    else if (month == 11)
    {
        System.out.println("The month is November.");
    }
    else if (month == 12)
    {
        System.out.println("The month is December.");
    }
    else
    //Write an error message if the number proves to be invalid
        System.out.println("Invalid month.");

//*****

//****Assignment 2 Section 4

//*****

System.out.print("\nAssignment 2: Section 4 - Return the Name of the Day of
the Week. \n\n");

//Request the user to enter a number for a day of the week
System.out.print("Enter the number of the day of the week: ");
dayOfWeek = input.nextInt();

//Using a switch statement, determine which day of the week was entered and
display the day of the week name

    switch (dayOfWeek)
    {
    case 1:
        System.out.print("Sunday");
        break;
    case 2:
        System.out.println("Monday");
        break;
    case 3:
        System.out.println("Tuesday");
        break;
    case 4:
        System.out.println("Wednesday");

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        break;
    case 5:
        System.out.println("Thursday");
        break;
    case 6:
        System.out.println("Friday");
        break;
    case 7:
        System.out.println("Saturday");
        break;
    //Write an error message if the number proves to be invalid.
    default:
        System.out.println("Invalid value");

    // end of program for unit 2 assignment
}
}
}

```

Unit 3

```

//This class is used to get user input
import java.util.Scanner;

//IT213 Unit 3 Assignment
public class IT213_YourLastName_Unit3 {

    //Main is the entry point for your code
    public static void main(String[] args) {

        //create an object of a Scanner class to take user input from console
        Scanner input = new Scanner(System.in);

        //*****
        //***Assignment 3 Section 1
        //*****

        System.out.print("**** Assignment 3: Section 1 - While Loop ****\n");

        //declare variables to keep running total and count of grades entered

        int total=0;
        int gradeCounter=1;

        //declare variables to store grades entered
        int grade=0;

        //declare variable for average
        int average=0;
    }
}

```