

```

    int totalNumbers=0;

    //prompt user to enter a number and continue adding numbers entered until the
sentinel value is entered
    while (number != -1)
    {
        System.out.print("Enter a positive number to be added to the total or -1
to end.");
        number = input.nextInt();
        //With each iteration of the loop, add the user entered value to a running
total
        if (number != -1)
        {
            totalNumbers = totalNumbers + number;
        }
    }

    //Once the loop ends, print the total of the numbers entered
    System.out.print("The sum of all numbers entered is " + totalNumbers);

    // end of program for unit 3 assignment
}
}

```

Unit 5

```

//IT213 Unit 5 Assignment Part 2
public class IT213_YourLastName_Unit5_Part2 {
    //Main is the entry point for your code
    public static void main(String[] args)
    {

        //Create a string variable called sentence and initialize it with the
phrase
        String sentence = "The quick brown fox jumps over the lazy dog";

        //declare variables to track position in sentence, blank position and
word count
        int current = 0;
        int blankPosition = 0;
        int wordcount = 0;
        String word;

        //Starting at the beginning of the sentence, examine each character,
until you reach
        // the end of the sentence
        for (int i = 0; i < sentence.length(); i++)
        {
            current = i;

            //The IndexOf method searches for the next occurrence of the
specified

```

```

is not found.           //char from the given starting point. Returns -1 if the character
                        blankPosition = sentence.indexOf(" ", current);

variable i to           //if at end of sentence, extract the current word and set counter
                        //sentence length to stop looping
                        if (blankPosition == -1)
                        {
                            //extract the word
                            word = sentence.substring(current);
                            i = sentence.length();
                        }
                        else
                        {
starting at the         //Substring in Java grabs the characters from the given string,
                        //current position and collecting characters to the specified end
position.               word = sentence.substring(current, blankPosition);
                        i = blankPosition;
                        }
                        //increment the word count
                        wordcount++;
                        //print the word
                        System.out.println(wordcount + " " + word);
                    }
                //Print the total word count
                System.out.println("Total word count " + wordcount);

                // end of program for unit 5 assignment
            }
        }
    }
}

```

Unit 7

```

//IT213 Unit 7 Assignment
public class IT213_YourLastName_Unit7 {
    //Main is the entry point for your code
    public static void main(String[] args)
    {
        //define six variables and assign them Celsius temperature values
        //call two functions to display converted temps and weather statement for
each temp

        double temp1 = 35.5;
        double temp2 = 30.5;
        double temp3 = 22.2;
        double temp4 = 16.1;
        double temp5 = 7.3;
        double temp6 = -1;
    }
}

```