The design starts with defining the variables and setting them equal to a default value of 0. Then there is the scanner sequence that will allow the users to input the integers by separating them with a blank space. The scanner package allows to basically analyze simple text. It allows us to get user input for the variables v1 to v6. After user inputs I added code that would combine the total values into one variable from v7 to v9. This allowed for an easier to input total value for the last row. To out put the values used System.out.println() with escaper sequences to help evenly space the output. The escaper sequences that allowed for even spacing was \t which tabbed the results, and there was also the use of \n which allowed for a new linefeed.

```java
/* Allows for user input of 6 integers with 3 rows and 2 columns. The third column will display
the total values */
import java.util.Scanner;

public class Original
{
   public static void main( String [] args )
   {
      // Define and initialize variables for values to be input
      int v1 = 0;        // First value to be input
      int v2 = 0;        // Second value to be input
      int v3 = 0;        // Third value to be input
      int v4 = 0;        // Fourth value to be input
      int v5 = 0;        // Fifth value to be input
      int v6 = 0;        // Sixth value to be input

      // Use a Scanner to input integer values
      Scanner input = new Scanner( System.in );
      System.out.println( "\n\n" );
      System.out.print( "Enter 6 integers separated by a blank space:" );
      v1 = input.nextInt();      // Input first value
      v2 = input.nextInt();      // Input second value
      v3 = input.nextInt();      // Input third value
      v4 = input.nextInt();      // Input fourth value
      v5 = input.nextInt();      // Input fifth value
      v6 = input.nextInt();      // Input sixth value
      // Inputs for total values
      int v7 = v1+v2;     // calculates Total value for first row
      int v8 = v3+v4;     // calculates Total value for second row
      int v9 = v5+v6;     // calculates Total value for third row
      // Output using System.out.println()
      System.out.println( "\n\n" );
      System.out.println( "\t" + "Value" + "\t" + "Value" + "\t" + "Total" );
      System.out.println( "\t" + v1 + "\t" + v2 + "\t" + (v7) );
      System.out.println( "\t" + v3 + "\t" + v4 + "\t" + (v8) );
      System.out.println( "\t" + v5 + "\t" + v6 + "\t" + (v9) );
      System.out.println( "\t" + "----" + "\t" + "----" + "\t" + "----");
      System.out.println("Total" + "\t" + (v1+v3+v5)+ "\t" + (v2+v4+v6)+ "\t" + (v7+v8+v9));
      System.out.println( "\n\n" );
   } // end main
}
```

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

Original.java   BMI.java

```java
import java.util.Scanner;

public class Original
{
    public static void main( String [] args )
    {
        // Define and initialize variables for values to be input
        int v1 = 0;      // First value to be input
        int v2 = 0;      // Second value to be input
        int v3 = 0;      // Third value to be input
        int v4 = 0;      // Fourth value to be input
        int v5 = 0;      // Fifth value to be input
        int v6 = 0;      // Sixth value to be input

        // Use a Scanner to input integer values
        Scanner input = new Scanner( System.in );
        System.out.println( "\n\n" );
        System.out.print( "Enter 6 integers separated by a blank space:" );
        v1 = input.nextInt();     // Input first value
        v2 = input.nextInt();     // Input second value
        v3 = input.nextInt();     // Input third value
        v4 = input.nextInt();     // Input fourth value
        v5 = input.nextInt();     // Input fifth value
        v6 = input.nextInt();     // Input sixth value
        // Inputs for total values
        int v7 = v1+v2;    // Inputs Total value for first row
        int v8 = v3+v4;    // Inputs Total value for second row
        int v9 = v5+v6;    // Inputs Total value for third row
        // Output using System.out.println()
        System.out.println( "\n\n" );
        System.out.println( "\t" + "Value" + "\t" + "Value" + "\t" + "Total" );
        System.out.println( "\t" + v1 + "\t" + v2 + "\t" + (v7) );
        System.out.println( "\t" + v3 + "\t" + v4 + "\t" + (v8) );
        System.out.println( "\t" + v5 + "\t" + v6 + "\t" + (v9) );
        System.out.println( "\t" + "----" + "\t" + "----" + "\t" + "----");
        System.out.println("Total" + "\t" + (v1+v3+v5)+ "\t" + (v2+v4+v6)+ "\t" + (v7+v8+v9));
        System.out.println( "\n\n" );
    }
}
```

Console

Enter 6 integers separated by a blank space:20 30 40 50 60 70

	Value	Value	Total
	20	30	50
	40	50	90
	60	70	130
	----	----	----
Total	120	150	270

java source file   length : 1,732   lines : 39   Ln : 25 Col : 31 Pos : 1,013   Windows (CR LF)   UTF-8   INS

Command Prompt

```
C:\Users\thomas\Documents>
C:\Users\thomas\Documents>java original.java



Enter 6 integers separated by a blank space:20 30 40 50 60 70



        Value   Value   Total
        20      30      50
        40      50      90
        60      70      130
        ----    ----    ----
Total   120     150     270



C:\Users\thomas\Documents>
```