

PROJECT KELOMPOK 2 – R5L

```
public class BuatFunction {

    public static Integer tambah(int x, int y){
        Integer hasil = x+y;
        return hasil;
    }

    public static Integer kurang(int x, int y){
        Integer hasil1 = x-y;
        return hasil1;
    }

    public static Integer kali(int x, int y){
        Integer hasil2 = x*y;
        return hasil2;
    }

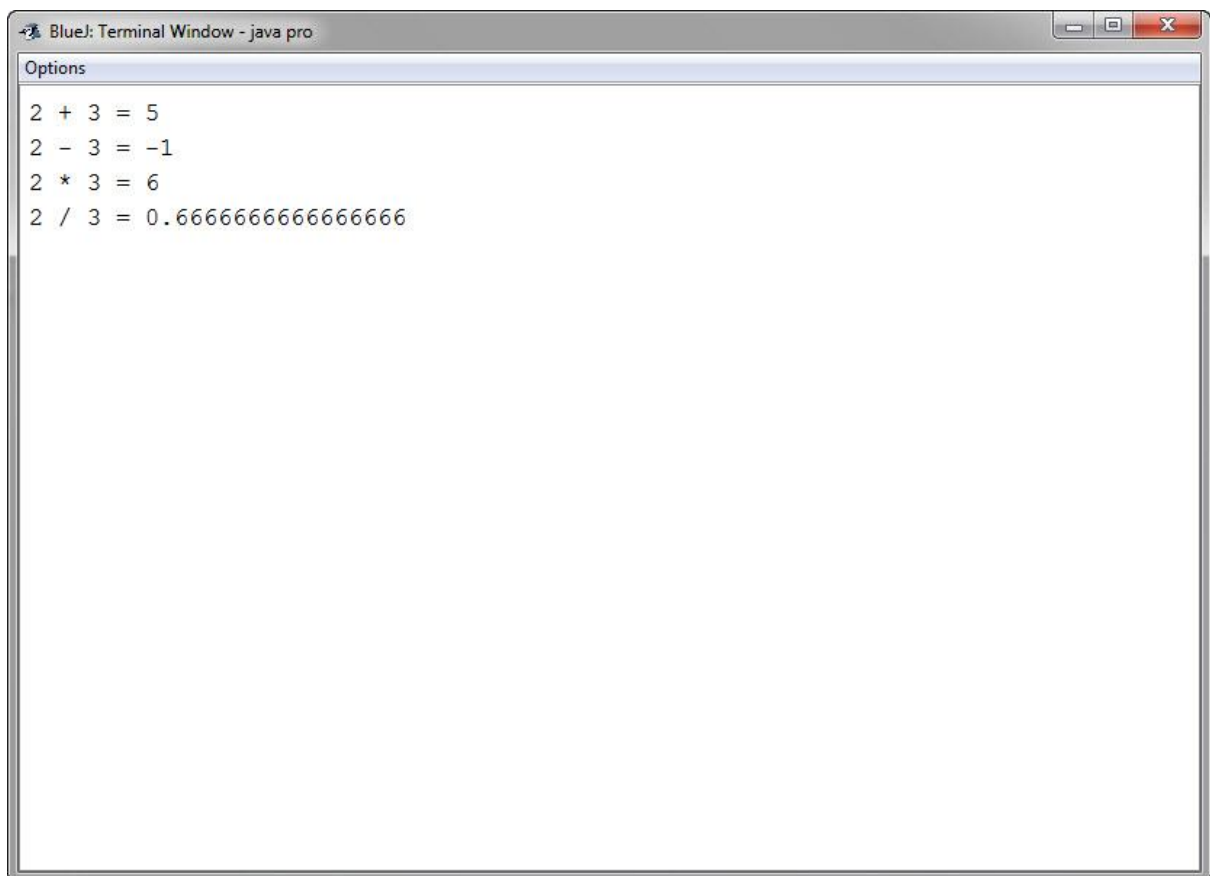
    public static double bagi(double x, double y){
        double hasil3 = x/y;
        return hasil3;
    }

    public static void main (String arg[]){

        Integer x = 2 ;
        Integer y= 3 ;Tiopan Indra Wahyudi– 201143501548– R5L
        Integer c = tambah(x,y);
        Integer d = kurang(x,y);
```

```
Integer e = kali(x,y);
double f = bagi(x,y);
System.out.println(x + " + " + y + " = " + c);
System.out.println(x + " - " + y + " = " + d);
System.out.println(x + " * " + y + " = " + e);
System.out.println(x + " / " + y + " = " + f);
}
}
```

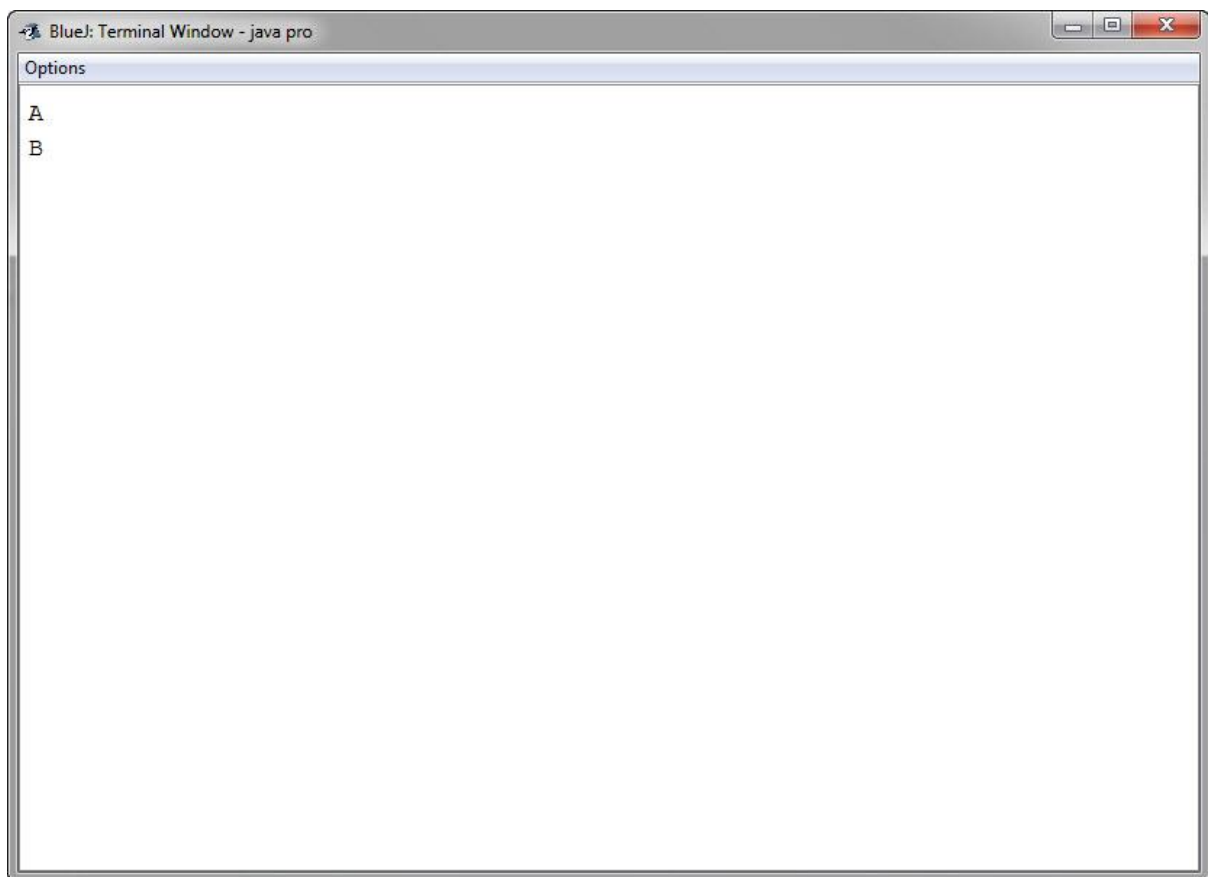
Output:



```
BlueJ: Terminal Window - java pro
Options
2 + 3 = 5
2 - 3 = -1
2 * 3 = 6
2 / 3 = 0.6666666666666666
```

```
public class ArrayJava {  
    public static void main(String[] args){  
        char [] arrayHuruf=new char[10];  
        arrayHuruf[0]='A';  
        arrayHuruf[1]='B';  
        System.out.println(arrayHuruf[0]);  
        System.out.println(arrayHuruf[1]);  
    }  
}
```

Output:



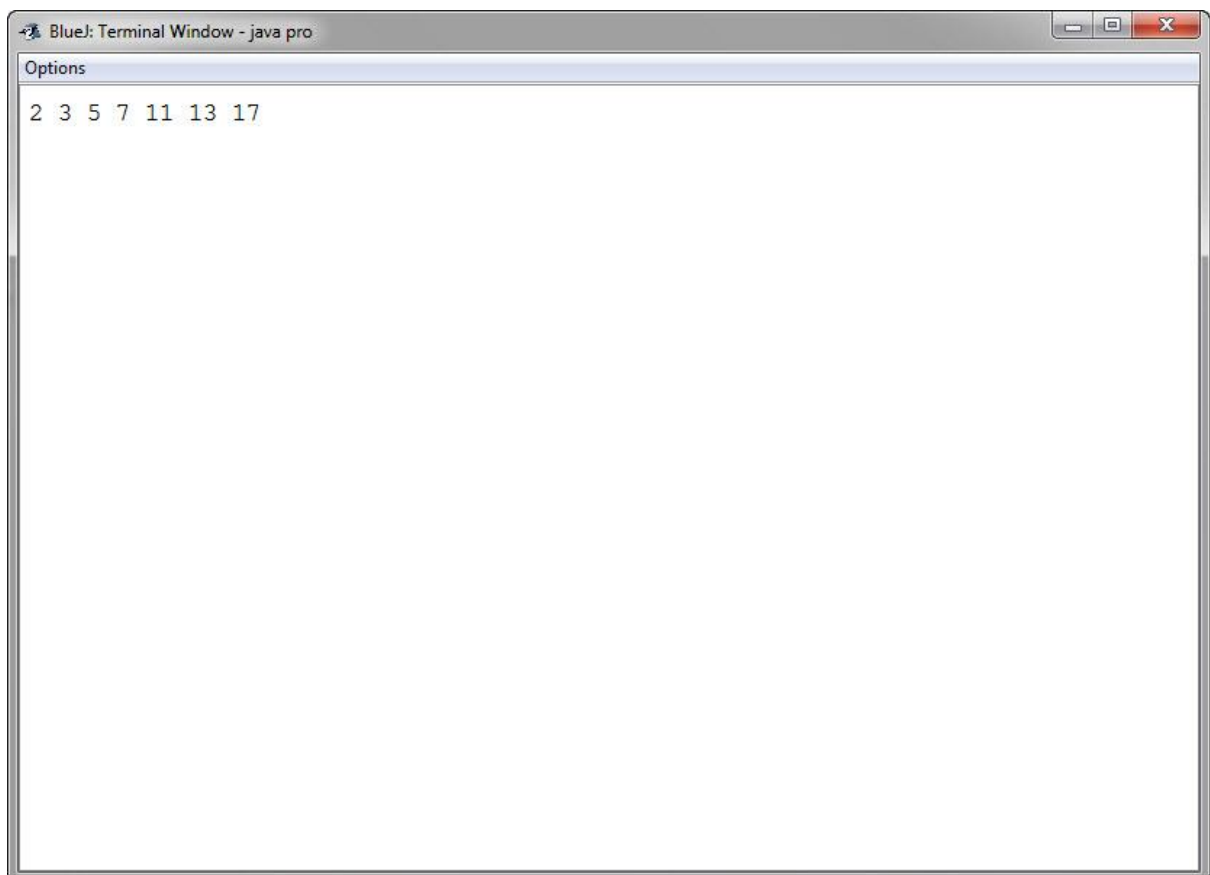
```
public class FunctionBilanganPrima {

    public FunctionBilanganPrima()
    {
        cetakPrima(17);
    }

    public void cetakPrima(int nRange)
    {
        boolean isPrime = false;
        for (int i = 2; i <= nRange; i++)
        {
            if (i >= 2)
            {
                isPrime = true; // Pertama cek dan berasumsi bahwa nilai ini merupakan bilangan PRIMA
                // Kemudian membagi nilai tersebut dengan nilai lebih dari 2
                // dan kurang dari nilai itu sendiri
                // dimulai dari angka 2 karena jika mulai dari 1 maka pasti sisanya 0
                for (int j = 2; j < i; j++)
                {
                    if (i % j == 0)
                    {
                        //Jika dibagi menghasilkan sisa 0 maka pasti bukan bilangan PRIMA
                        isPrime = false; Nurul Afrianti – 201143501514 – R5L
                        break; // Tidak perlu dicek lagi
                    }
                }
            }
        }
    }
}
```

```
}  
}  
if(isPrime)  
{  
System.out.print(i + " ");  
}  
}  
}  
  
public static void main(String[] args) {  
new FunctionBilanganPrima();  
}  
}
```

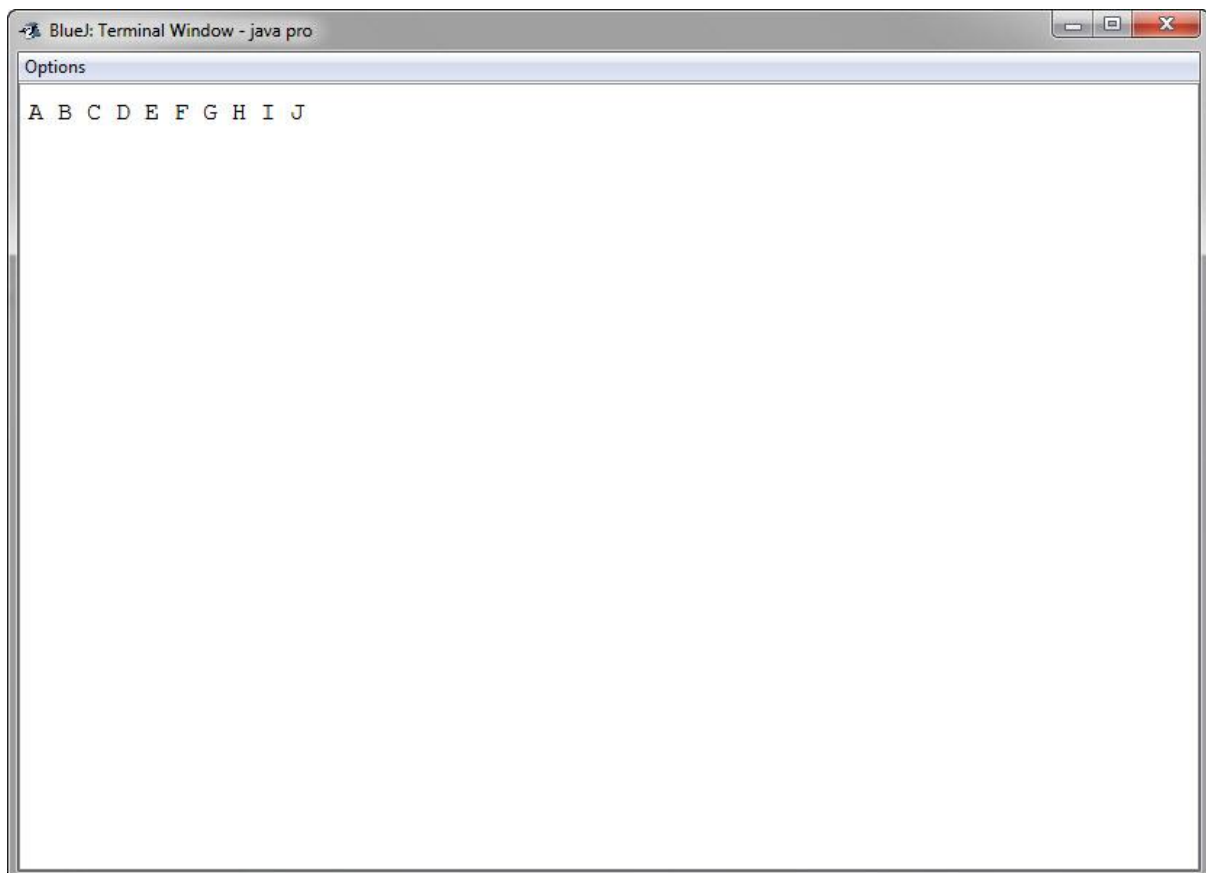
Output:



The image shows a terminal window titled "BlueJ: Terminal Window - java pro". The window contains the output of a Java program, which is the list of prime numbers: "2 3 5 7 11 13 17". The terminal window has a standard Windows-style title bar with minimize, maximize, and close buttons. The output is displayed in a monospaced font.

```
public class ArrayJava1 {  
    public static void main(String[] args){  
        char [] arrayHuruf=  
        {'A','B','C','D','E','F','G','H','I','J'};  
        /*menCETAK array */  
        for (int i=0;i<10;i++){  
            System.out.print(arrayHuruf[i]+" ");  
        }  
    }  
}
```

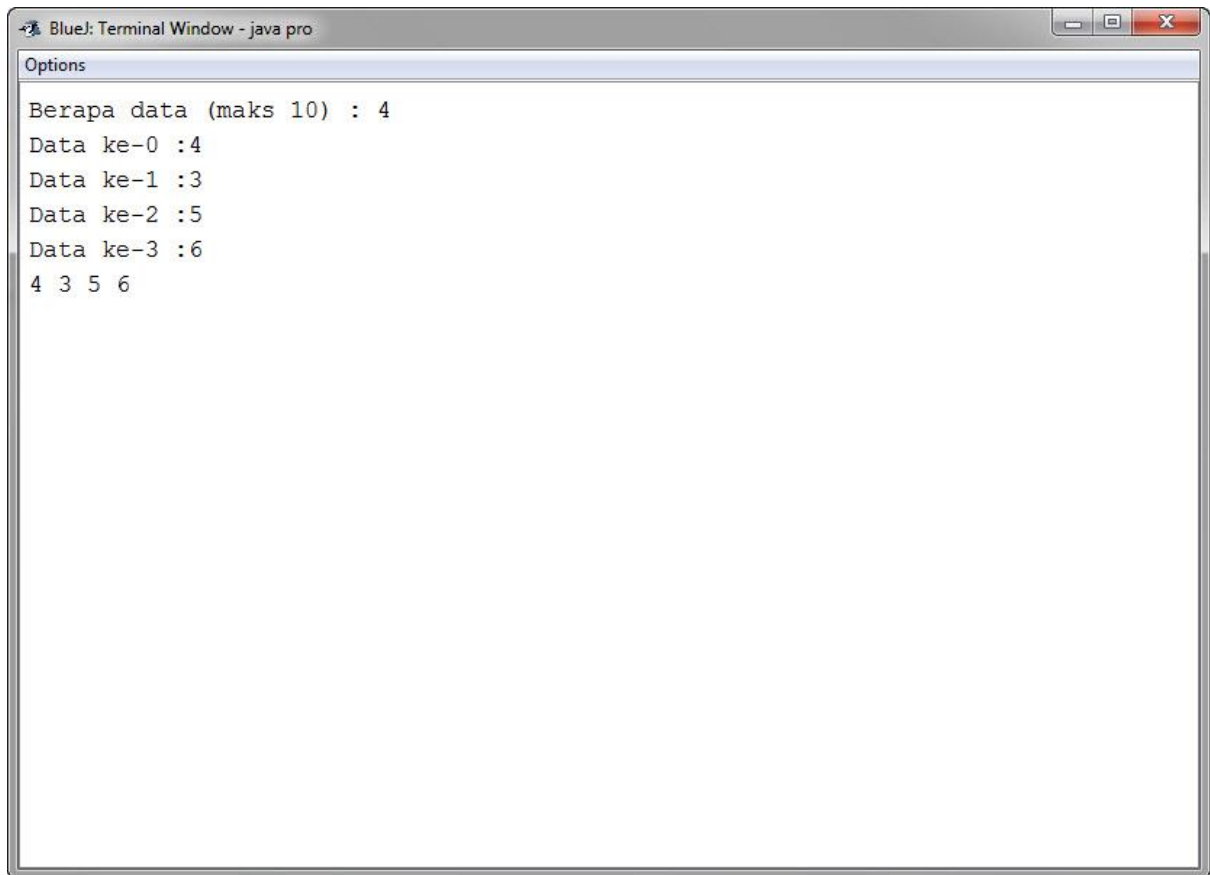
Output:



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```
import java.util.Scanner;
```

```
public class arrayJava2 {  
    public static void main(String[] args){  
        int [] bil=new int[10];  
        int n;  
        Scanner x = new Scanner(System.in);  
        System.out.print("Berapa data (maks 10) : ");  
        n = x.nextInt();  
        /* mengisi array */  
        for (int i=0;i<n;i++){  
            Scanner b = new Scanner(System.in);  
            System.out.print("Data ke-" +i+" :");  
            bil[i] = b.nextInt();  
        }  
        /* mencetak isi array */  
        for (int i=0;i<n;i++){  
            System.out.print(bil[i]+" ");  
        }  
    }  
}
```

A screenshot of a BlueJ Terminal Window titled "BlueJ: Terminal Window - java pro". The window contains the following text:

```
Options
Berapa data (maks 10) : 4
Data ke-0 :4
Data ke-1 :3
Data ke-2 :5
Data ke-3 :6
4 3 5 6
```

Output:Tiopan Indra Wahyudi- 201143501548 – R5L

```
public class LuasPersegiPanjang {
    public static void main(String[] args) {

        // Deklarasi variabel panjang, lebar dan luas
        long panjang, lebar, luas;

        // Memberi nilai pada variabel panjang dan lebar
        panjang = 6;
        lebar = 4;
```



```
// Menghitung luas Tiopan Indra Wahyudi- 201143501548 – R5L
```

```
luas = panjang * lebar;
```

```
// Menampilkan panjang, lebar dan luas
```

```
// di command prompt
```

```
System.out.println("Panjang = " + panjang);
```

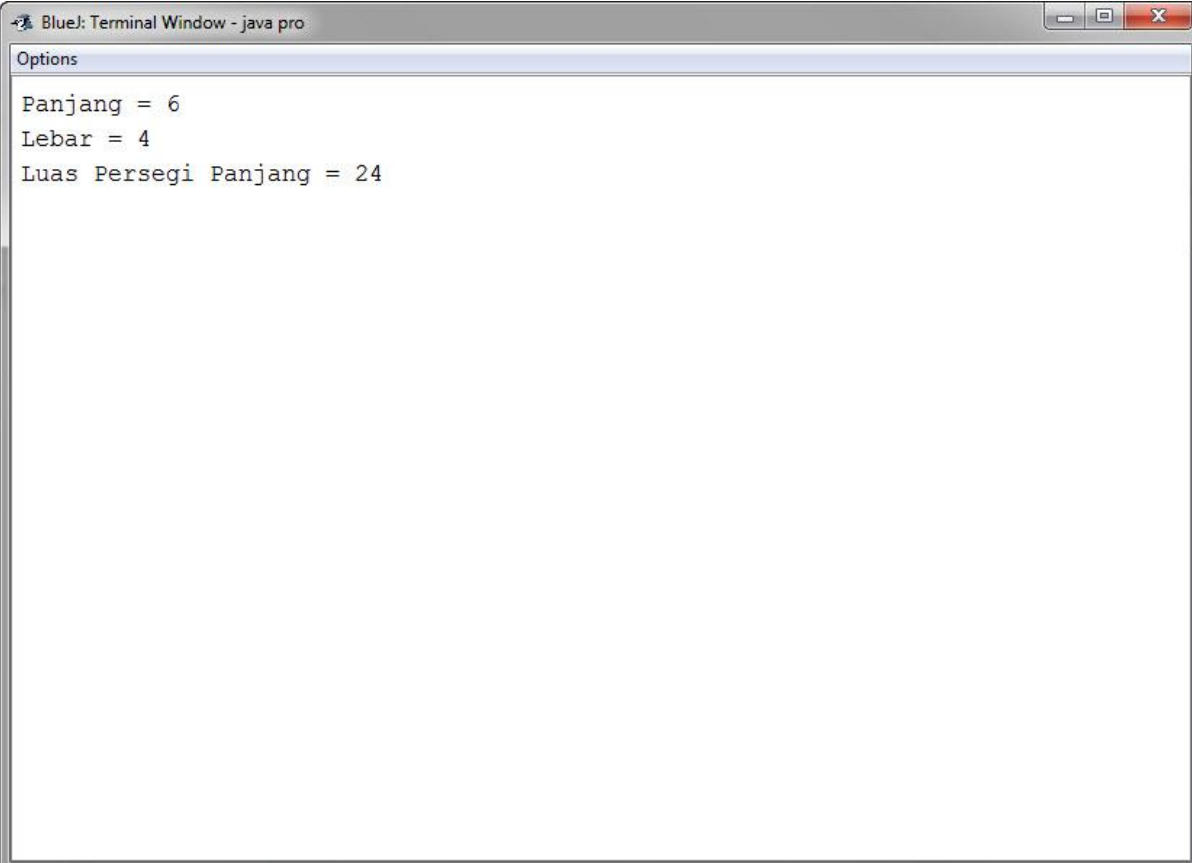
```
System.out.println("Lebar = " + lebar);
```

```
System.out.println("Luas Persegi Panjang = " + luas);
```

```
}
```

```
}
```

Output:



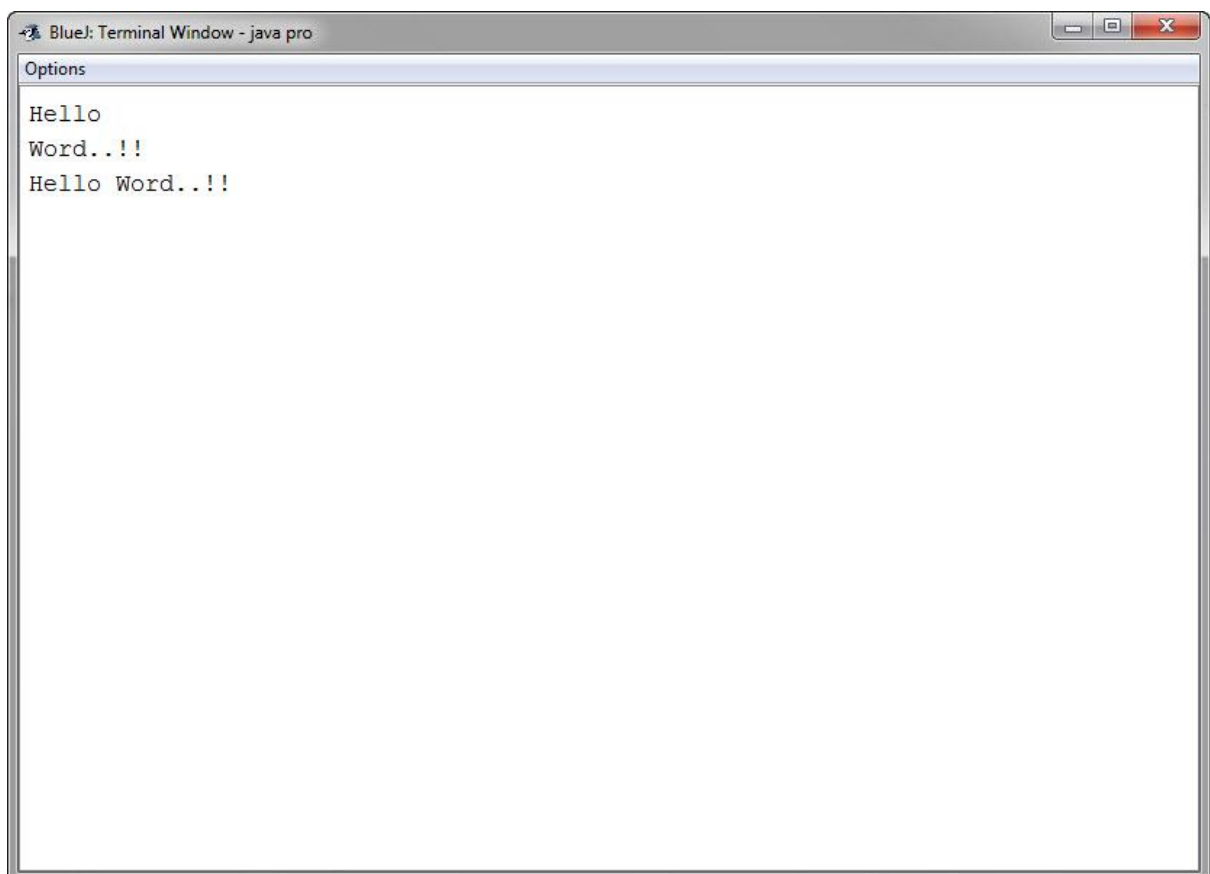
```
BlueJ: Terminal Window - java pro
Options
Panjang = 6
Lebar = 4
Luas Persegi Panjang = 24
```

```
public class Mystring { Tiopan Indra Wahyudi- 201143501548 – R5L
```

```
public static void main(String[]argv) {
```

```
String s1;  
String s2;  
String s3;  
s1="Hello ";  
s2="Word..!!";  
s3=s1+s2;  
System.out.println(s1);  
System.out.println(s2);  
System.out.print(s3);  
}  
}
```

Output:



The image shows a terminal window titled "BlueJ: Terminal Window - java pro". The window contains the following output:

```
Options  
Hello  
Word..!!  
Hello Word..!!
```