

Problema 1 (ex 3 b)

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        System.out.println("Hello World");
        double x, y=0;
        Scanner sc=new Scanner(System.in);
        x=sc.nextDouble();
        if (x>5) { if (x>5) y=x+3; else y=x-3;}
        else { if (x<=5) y=x-3; }
        System.out.println ("y=" + y);
    }
}
```

Problema 2 (ex 3 c)

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        System.out.println("Hello World");
        double x, y=0;
        Scanner sc=new Scanner(System.in);
        x=sc.nextDouble();
        if (x>=3) {y=x; }
        else { y=x+4; }
        System.out.println ("y=" + y);
    }
}
```

Problema 3 (ex 3, d)

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        System.out.println("Hello World");
        double x, y=0;
        Scanner sc=new Scanner(System.in);
        x=sc.nextDouble();
        if (Math.abs(x)>5) { y=x; }
        else {y=2*x; }
        System.out.println ("y=" + y);
    }
}
```

Problema 4

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        System.out.println("Hello World");

        double x, y=0;
        Scanner sc=new Scanner(System.in);
        x=sc.nextDouble();
        if (x>=-5) {
            if (x<2) y=x+1;
            else y=Math.pow(x,3); }
        else {
            if (x<-5) y=Math.pow(x,2); }
        System.out.println ("y=" +y);
    }
}
```