Problema 1

```java
import java.util.Scanner;
public class Homework2 {
public static void main(String []args) {
Scanner cactus=new Scanner (System.in);
double a=cactus.nextDouble(), b=cactus.nextDouble();
System.out.println("a="+a);
System.out.println("b="+b);
if (a>b)
System.out.println("e)"+a); else System.out.println("e)"+b);
if(b-a>a-b)
System.out.println("f)"+b); else System.out.println("f)"+(a-b));
if (a==b)
System.out.println("g)"+(a+b)); else System.out.println("g)"+(b-a));
if (a!=b)
System.out.println("h)"+a+" si "+b); else System.out.println("h)"+a);
cactus.close();
}
}
```

Problema 5

```java
import java.util.Scanner;
public class Homework2 {
public static void main(String []args) {
Scanner idgaf=new Scanner (System.in);
double x=idgaf.nextDouble();
System.out.println("x="+x);
if (-5<=x && x<2)
{System.out.println("f(x)="+(x+1));}
else {if(x<-5)
System.out.println("f(x)="+Math.pow(x, 2)); else System.out.println("f(x)="+Math.pow(x,
3));}
idgaf.close();

}
}
```

Problema 6

```java
import java.util.Scanner;
public class Homework2 {
public static void main(String []args) {
Scanner shadow=new Scanner (System.in);
double a=shadow.nextDouble(), b=shadow.nextDouble(), c=shadow.nextDouble();
System.out.println("a="+a+"; b="+b+ "; c="+c);
if (a>b)
{ if(b>c) System.out.println("c)"+c+", "+b+", "+a); else System.out.println("c)"+b+",
"+c+", "+a);
}else { if (c>b) System.out.println("c)"+a+", "+b+", "+c); else
System.out.println("c)"+a+", "+c+", "+b);}
if (a>b)
{ if(b>c) System.out.println("d)"+a+", "+b+", "+c); else System.out.println("d)"+a+",
"+c+", "+b);
}else { if (c>b) System.out.println("d)"+c+", "+b+", "+a); else
System.out.println("d)"+b+", "+c+", "+a);}
shadow.close();
}
}
```

Problema 7

```java
import java.util.Scanner;
public class Homework2 {
public static void main(String []args) {
Scanner salmon=new Scanner (System.in);
String op=salmon.nextLine();
double x=salmon.nextDouble(), y=salmon.nextDouble();
if ("+".contentEquals(op))
System.out.println(x+y);
if ("-".contentEquals(op))
System.out.println(x-y);
if ("*".contentEquals(op))
System.out.println(x*y);
if ("/".contentEquals(op))
System.out.println(x/y);
salmon.close();
}
}
```