Java exercise in the lab

- 1. Follow the steps below:
 - a) Create a new java project
 - b) Create a class with name debug test
 - c) Copy the following fields in the debug test class

d) Use the debugger and fill in the table below:

r1= r2=

iteration	Sum	Sub	Mul	Div
1				
2				
3				
4				

- 2. How many methods for rounding numbers are in the <u>java.lang.math</u>? (use <u>www.javadoconline.com</u>)
- 3. Use the sample program and write a simple phonebook with the following characteristics:
 - a) First, the user enters the number of entities
 - b) For each entity, the program asks about the *name* and the *telephone number*
- c) After the user enters all the names and telephone numbers, a window is displayed which shows all the information (i.e., in each row: Name & Tel No)

d) You should create two classes in your program: one for contact information and one for your phonebook.

You may need to have an array of objects in your program. For this purpose you can define them as following:

```
// example from sample program

Student[] s=new Student[10];
for (int i=1;i<=10;i++)
    s[i]=Student();
```