

## Lab 3

## Objectives:

- Learn how to receive user input.
- Learn how to use variables.
- Learn how to use some math operators.

## Project:

You will create a Java application using BlueJ that takes two numbers as input and then outputs three results:

1. The first number divided by the second using normal division.
2. The first number divided by the second using **integer** division.
3. The remainder that you would get by dividing the first number by the second.

You can think of a possible scenario where you would need to do this. Imagine you have a certain number of pizzas that you need to evenly divide among a number of people (some people will complain if others get more than they did). With method #1, we can cut up the pizzas. With method #2, we cannot cut up the pizzas. Method #3 will tell us how many pizzas we will waste if we cannot cut up the pizzas.

Remember to get user input we use:

```
Scanner s = new Scanner(System.in);
```

And to *convert* to a *int* we use:

```
Integer.parseInt(s.nextLine());
```