

Lab 1

Random

In order to randomize values between 0-100 use the following:

```
int example = (int)(Math.random()*101);
```

1. Create a class named Printer

- Define the following variables & initialize each with the specified values:
 - part1 – “There will be”
 - visitors – 5
 - part2 – “people for dinner.”
- Print the complete message: “There will be 5 people for dinner”

2. try to increment the number of visitors to 7 [visitors+2] in the print line

- What happens when adding just visitors+2?
- What is the right way of updating the print line?

3. Create a class named Test

- Defines 2 random numbers: a, b
- print to console:
 - each number
 - the sum of the numbers
 - the average value
 - the remainder when dividing each in 10
 - the area of a rectangle where one number is the width and the other is the height

4. Create a class named Test

- Define a random number between 100 to 350 for time in minutes of a movie
- Print the time in minutes
- Print the time in terms of Hours and Minutes

5. Create a class that defines 2 random numbers and prints the bigger value