

King Saud University
College of Computer & Information Science
CSC111 – Lab3
Arithmetic operator, Increment, Decrement
All Sections

Exercise 1:

Write a java program that reads an integer and print the least significant digit and the next least significant digit.

Example:

```
Enter an integer number > 7235
The least significant digit is 5
The next least significant digit is 3
```

Exercise 2:

Trace the following java program and find the output:

```
import java.util.Scanner;

public class inc_dec {
    public static void main(String[ ] args) {

        Scanner read = new Scanner (System.in);
        int x,y,z;
        System.out.println (" enter the values of x and y : ");
        x= read.nextInt ( );
        y= read.nextInt ( );
        z= x+y;
        System.out.println (++x);
        System.out.println (y--);
        System.out.println (z);
        System.out.println (x--);
        System.out.println (y);
    }
}
```

Example:

enter the values of x and y :

Exercise 3:

Write a java program that reads an integer decimal number smaller than 32 and prints the equivalent representation in binary system.

Hint: use four variables to store the value of the binary digits.

Example:

```
Enter an integer number smaller than 15 > 12
The equivalent in binary = 1100
```