

# **Igra University, Islamabad Campus**

# Faculty of Computing & Technology Object Oriented Programming (CSC231) Assignment # 1

## **Problem # 1:** [CLO2]

Write a java program that declares variables of all types like byte, short, int, long, float, double etc. and assign any random values to them. Then display all those values with a proper message on console.

# **Problem # 2:** [CLO2]

Write a java program that takes an integer input from user and displays hollow rectangle of \* according to that number:

Sample Input: 5
Sample Output:
\* \* \* \* \*
\* \* \*
\* \* \*

### **Problem # 3:** [CLO2]

Write a java program that takes a character input from user and decide whether it is a vowel or not. You must use 'switch' statement to check it.

Sample Input: c

Sample Output: The character 'c' is not vowel.

Sample Input: a

Sample Output: The character 'a' is not vowel.

### **Problem # 4:** [CLO2]

Write a java program that takes a String input from user and displays it in reverse order.

Sample Input: Hello Sample Output: olleH

### **Problem # 5:** [CLO2]

Write a java program to take a number as input from the user and display all of its digits on new lines: Sample Input: 145

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Sample Output:
```

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