Week 01 : Programming Assignment 3

Write a Java program to print the multiplication table of a given number up to 5.

NOTE:

Print EXACTLY as shown in the sample output.

DO NOT MISS a single space otherwise you will not be scored.

(**Ignore presentation errors** for this and all future programming assignments)
("*passed with presentation error*" means **you will get full marks**)

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	10	10 x 1 = 10\n 10 x 2 = 20\n 10 x 3 = 30\n 10 x 4 = 40\n 10 x 5 = 50	10 x 1 = 10\n 10 x 2 = 20\n 10 x 3 = 30\n 10 x 4 = 40\n 10 x 5 = 50	Passed

The due date for submitting this assignment has passed.
1 out of 1 tests passed.
You scored 100.0/100.

Assignment submitted on 2025-02-01, 21:12 IST
Your last recorded submission was :

```java
import java.util.Scanner;

public class W01_P3 {
    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);
        int number = in.nextInt();
// Print the multiplication table of number up to 5
        for (int i = 1; i <= 5; i++) {
            if (i < 5) {
                System.out.println(number + " x " + i + " = " + (number * i));
            } else {
                System.out.print(number + " x " + i + " = " + (number * i));
            }
        }
in.close();
    }
}
```

Sample solutions (Provided by instructor)

```java
import java.util.Scanner;

public class W01_P3 {
    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);
        int number = in.nextInt();
// Print the multiplication table
        for (int i = 1; i <= 5; i++) {
            System.out.printf("%d x %d = %d\n", number, i, number * i);
        }
in.close();
    }
}
```