PROGRAM LIST

1. Java program to print multiplication table from 1 to 10.
2. Java program to print the pyramid

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| 1  1 2  1 2 3  1 2 3 4  1 2 3 4 5 | \*  \* \*  \* \* \*  \* \* \* \*  \* \* \* \* \* | 1  2 3  4 5 6  7 8 9 10  11 12 13 14 15 |
| \*  \* \*  \* \* \*  \* \* \* \*  \* \* \* \* \* | \* \* \* \* \*  \* \* \* \*  \* \* \*  \* \*  \* | \*  \* \*  \* \* \*  \* \* \* \*  \* \* \* \* \*  \* \* \* \*  \* \* \*  \* \*  \* |

1. Write a program that would print the information (name, year of joining, salary, address) of three employees by creating a class named 'Employee'. The output should be as follows:  
   **Name         Year of joining       Address**  
   Robert             1994             64C-WallsStreat  
   Sam                2000                68D-WallsStreat  
   John               1999               26B- WallsStreat
2. Program to find the sum of multiple numbers using Method Overloading.
3. Define a class named ADMISSION in JAVA with the following descriptions:  
   Private Members:  
   AD\_No integer (Ranges 10-2000)  
   NAME (String)

CLASS (String)  
FEES (float)

Public Members:

* Function Read\_Data () to read an object of ADMISSION type
* Function Display () to display the details of an object.
* Function Draw\_Nos () to choose 2 students randomly, and display the details. Use Random function to generate admission numbers to match with AD\_No.

### Create a class with a method that prints "This is parent class" and its subclass with another method that prints "This is child class". Now, create an object for each of the class and call 1 - method of parent class by object of parent class 2 - method of child class by object of child class 3 - method of parent class by object of child class

### Create a class 'Degree' having a method 'getDegree' that prints "I got a degree". It has two subclasses namely 'Undergraduate' and 'Postgraduate' each having a method with the same name that prints "I am an Undergraduate" and "I am a Postgraduate" respectively. Call the method by creating an object of each of the three classes.