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Java :-

12)
```java
class TriangleLeft {
    public static void main (string args[]) {
        for (int i = 0; i <= 4 ; i++) {
            for (int j = 0; j <= i ; j++) {
                System.out.print (" * " + "  ");
            }
            System.out.println();
        }
    }
}
```

41) swap of two numbers without using temporary variable :-
```java
class Swap {
    public static void main (string args[]) {

        int a = 1;
        int b = 2;

        System.out.println (a);
        System.out.println (b);
```

```java
        a = a + b;
        b = a - b;
        a = a - b;

        System.out.println(a);
        System.out.println(b);

    }

}
```

17) Bubble sort

```java
import java.util.Arrays;
class BubbleSort{
    public static void main(String args[]){
        int a[] = {1, 5, 2, 4, 3};
        int temp;
        int size = a.length;
        for(int i = 0; i < size; i++){
            for(int j = i+1; j < size; j++){
                if(a[i] > a[j]){
                    temp = a[i];
                    a[i] = a[j];
                    a[j] = temp;
                }
            }
        }
        System.out.println(Arrays.toString(a));
    }
}
```

SQL :-

5) DISTINCT statement :-

* DISTINCT statement is used to avoid duplicate rows

* For example in a table a column had a duplicate rows

Table Employee :-

deptno	Name	dept	Salary
101	Kaushik	Manager	35,000
101	Rajendran	Salesman	26,000
102	Meiyappan	clerk	15,000
103	Prem	Salesman	25,000

Select DISTINCT deptno From Employee;

3) To rename column name :-

ALTER TABLE Employee

RENAME Column deptno to number;

12) select Rownum as Rank, Salary from

~~select~~   (select salary from

Employee ORDER BY Salary

Desc)

where Rownum = 3;