

JAVA PROGRAM

Question no:12 write a program to generate the following output in java

```
*
* *
* * *
* * * *
* * * * *
```

```
public class StarPattern {
    public static void main(String args[]){
        int n=5;
        int i,j;
        for(i=1;i<=n;i++){
            for(j=1;j<=i;j++){
                System.out.print("* ");
            }
            System.out.println();
        }
    }
}
```

OUTPUT:

```
*
* *
* * *
* * * *
* * * * *
```

Question no:65 How to check odd and even number in java?

```
import java.util.*;
public class OddorEven {
    public static void main(String args[]){
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the number:");
        int n=sc.nextInt();
        if(n%2==0){
            System.out.println("Entered number is even");
        }
        else
            System.out.println("Enter Number is odd");
    }
}
```

OUTPUT:

```
Enter the number:
15
Enter Number is odd
```

Question No:71 How to create a method in java program?

```
public class MethodinJava {
    int a=10;
    void meth(){
        System.out.println("This is Static method");
    }
    int main(){
        return a;
    }
}

class java{
    public static void main(String args[]){
        MethodinJava m=new MethodinJava();
        m.meth();
        System.out.println("The number is:"+m.main());
    }
}
```

OUTPUT:

```
This is Static method
The number is:10
```

SQL Queries

select * from employee;

EMPNO	ENAME	DOJ	SAL	JOB	DEPTNO
-----	-----	-----	-----	-----	-----
111	ashok	16-MAY-06	50000	MD	
112	akash	05-OCT-06	15000	sales man	10
113	balaji	25-AUG-07	6000	clerk	20
114	dinesh	02-OCT-08	12000	sales man	10
115	kumaran	22-JAN-10	10000	sales man	10

116	mahesh	25-MAY-10	10000	associate	30
117	naresh	22-JUN-10	11000	executive	40
118	mohan	10-JUN-11	10500	executive	40
119	shyam	10-DEC-06	10500	sr.clerk	20
120	balu	10-MAR-12	9000	traniee	50

QUESTION NO:03 WRITE A SQL QUERY TO RENAME THE COLUMN NAME.

alter table employee rename column sal to salary;

EMPNO	ENAME	DOJ	SALARY	JOB	DEPTNO
-----	-----	-----	-----	-----	-----
111	ashok	16-MAY-06	50000	MD	
112	akash	05-OCT-06	15000	sales man	10
113	balaji	25-AUG-07	6000	clerk	20
114	dinesh	02-OCT-08	12000	sales man	10
115	kumaran	22-JAN-10	10000	sales man	10
116	mahesh	25-MAY-10	10000	associate	30
117	naresh	22-JUN-10	11000	executive	40
118	mohan	10-JUN-11	10500	executive	40
119	shyam	10-DEC-06	10500	sr.clerk	20
120	balu	10-MAR-12	9000	traniee	50

QUESTION NO:09 WHAT IS THE QUERY TO DISPLAY THE FIRST 5 RECORDS FROM THE EMPLOYEE TABLE?

SQL> select * from employee where rownum<=5;

EMPNO	ENAME	DOJ	SALARY	JOB	DEPTNO
-----	-----	-----	-----	-----	-----
111	ashok	16-MAY-06	50000	MD	
112	akash	05-OCT-06	15000	sales man	10
113	balaji	25-AUG-07	6000	clerk	20
114	dinesh	02-OCT-08	12000	sales man	10
115	kumaran	22-JAN-10	10000	sales man	10

QUESTION NO:10 WHAT IS THE QUERY TO DISPLAY THE LAST 5 RECORDS FROM THE EMPLOYEE TABLE?

SQL> SELECT * FROM EMPLOYEE where rownum<=5 order by empno desc;

EMPNO	ENAME	DOJ	SALARY	JOB	DEPTNO
-----	-----	-----	-----	-----	-----
120	balu	10-MAR-12	9000	traniee	50
119	shyam	10-DEC-06	10500	sr.clerk	20
118	mohan	10-JUN-11	10500	executive	40
117	naresh	22-JUN-10	11000	executive	40
116	maresh	25-MAY-10	10000	associate	30