**PROGRAMS FOR JAVA**

1. **CONSTRUCTOR OVERLOADING CONCEPT IN JAVA**

In Java, Constructor overloading means two or more constructors having same constructor name but different parameters.

For example:

Class constructor{

int a;

Constructor(){

body of content

}

Constructor(int i){

body of content

}

2.**METHOD OVERRIDING PROGRAM IN JAVA**

Method Overriding:

In java, Method Overriding means a subclass has the same method name and same type of signature (parameter) as declared in super class. This is possible only in Inheritance concept.

For Example:

Class A{

Meth int(){

System.out.println(“Hello”);

}

}

Class B extends Class A{

Meth int(){

System.out.println(“Welcome”);

}

}

Class override{

Public static void main (String args[]){

B b= new B();

b.int();

}

}

**OUTPUT:**

Welcome

**3.REMOVE DUPLICATE ELEMENTS IN JAVA**

Class duplicate{

Public static void main (String args[]){

**int** a[]={1,2,2,3,5,6,6,1,7,2};

**int** n=a.length;

**int** b[]=**new** **int** [n];

**for**(**int** i=0;i<n;i++){

**for**(**int** j=i+1;j<n;j++){

**if**(a[i]==a[j]){

b[j]=-1;

}

}

}

**for**(**int** k=0;k<b.length;k++){

**if**(b[k]!=-1){

System.*out*.print(a[k]);

}

}

}

}

**OUTPUT:**

123567

**SQL**

EMPLOYEE TABLE

Empno Name Salary Department

10 Arun 25,000 Trainee

20 Abi 30,000 Developer

30 Kissan 35,000 Manager

40 Nithyka 29,000 Analyst

50 Elango 37,500 Manager

60 Raja 23,000 Trainee

70 Dev 28,000 Developer

1. Write SQL Query to rename a column name.

Select Name “Employee Name” from EMPLOYEE TABLE;

Output:

Empno Employee Name Salary Department

1. Print max salary for a particular department.

Select MAX (salary) from EMPLOYEE TABLE where Department= Manager;

Output:

50 Elango 37,500 Manager

1. What is Query to display first 5 records from Employee table?

Query:

It is a request for data or information from the database.

Select \* from EMPLOYEE TABLE order by Empno LIMIT 5;

Output:

Empno Name Salary Department

10 Arun 25,000 Trainee

20 Abi 30,000 Developer

30 Kissan 35,000 Manager

40 Nithyka 29,000 Analyst

50 Elango 37,500 Manager