**CODE:**

package com.programs;

import java.io.\*;

import java.util.Scanner;

public class BullyAlgo {

public static void main(String args[]) throws IOException{

int noofprocess;

System.*out*.println(" ");

System. *out*.print("Enter the no.of process: ");

Scanner sc = new Scanner(System.*in*);

noofprocess = sc.nextInt();

System.***out***.println(" ");

System.***out***.println("Co-ordinator process "+noofprocess+" Fails");

System.***out***.println(" ");

for(int i=1;i<noofprocess;i++){

if(i==noofprocess-1){

System.*out*.println("Process "+i+" is now co-ordinator");

for(int j=i-1;j>=1;j--){

System.*out*.println("Process "+i+" sends Co-ordinator message to

Process "+j);

}

System.*out*.println("End of election");

}

else{

System.*out*.println("Now Process "+i+" starts election");

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

System.*out*.println("Process "+i+" sends election message to

Process "+j);

}

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

System.*out*.println("Process "+j+" sends OK message to Process

"+i);

}

System.*out*.println(" ");

}

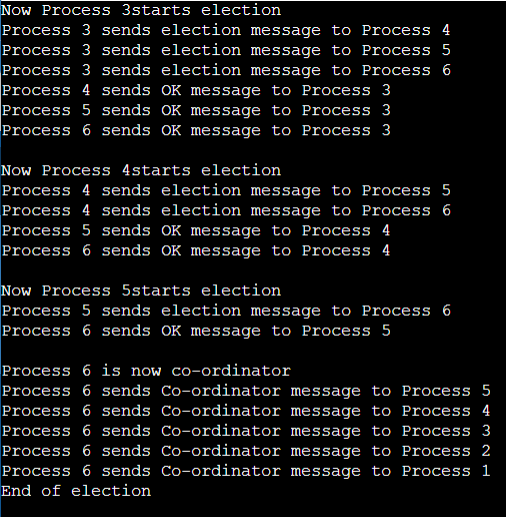
}

sc.close();

}

}

**OUTPUT:**

****