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package july;
import java.util.*;

class Employee{
    int eid;
    String name;
    double salary;
    Employee(){
        eid=123;
        name="Krishna";
        salary=9876.54;
    }
    Employee(int eid,String name,double salary){
        this.eid=eid;
        this.name=name;
        this.salary=salary;
    }
    void display() {
        System.out.println("E_id "+eid+"\nName "+name+"\nSalary
"+salary);
    }
}

class Student{
    int id;
    String name,address;
    double per;
    Student(int id,String name,String address,double per){
        this.id=id;
        this.name=name;
        this.address=address;
        this.per=per;
    }
    void display() {
        System.out.println("Id "+id+"\nName "+name+"\nAddress
"+address+"\nPercentage "+per);
    }
}

class max{
    max(int a,int b){
        if(a>b)
            System.out.println(a+" is max");
        else
            System.out.println(b+" is max");
    }
}

class factorial{
    factorial(int n) {
        int f=1;
        for(int i=n;i>0;i--)
            f*=i;
        System.out.println("Factorial "+f);
    }
}

class palindrome{
    palindrome(int n){
        int n1,sum=0,t=n;
        while(n>0) {
            n1=n%10;

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        n=n/10;
        sum=(sum*10)+n1;
    }
    if(sum==t)
        System.out.println("Palindrom");
    else
        System.out.println("Not palindrom");
}

}

public class July_22 {

    public static void main(String[] args) {
        //Employee e1=new Employee();
        //e1.display();
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter no. of records");
        int n=sc.nextInt();
        /*Employee []e=new Employee[n];
        int eid;
        String name;
        double salary;
        for(int i=0;i<n;i++) {
            System.out.println("Enter eid, name, salary");
            eid=sc.nextInt();
            name=sc.next();
            salary=sc.nextDouble();
            e[i]=new Employee(eid,name,salary);
            e[i].display();
        }
        Student []s=new Student[n];
        for(int i=0;i<n;i++) {
            System.out.println("Enter Id name address percentage");
            int id=sc.nextInt();
            String name=sc.next();
            String address=sc.next();
            double per=sc.nextDouble();
            s[i]=new Student(id,name,address,per);
            s[i].display();
        }
        max []m=new max[n];
        for(int i=0;i<n;i++) {
            System.out.println("Ente a and b");
            int a=sc.nextInt();
            int b=sc.nextInt();
            m[i]=new max(a,b);
        }
        factorial []f=new factorial[n];
        for(int i=0;i<n;i++) {
            System.out.println("Ente n");
            int n=sc.nextInt();
            f[i]=new factorial(n);
        }
        palindrome []p=new palindrome[n];
        for(int i=0;i<n;i++) {
            System.out.println("Ente n");
            int n=sc.nextInt();
            p[i]=new palindrome(n);
        }*/
    }

}

```

