import java.util.\*;

class Patient{

Scanner sc = new Scanner(System.in);

int pat\_id[] = new int[30];

String pat\_name[] = new String[30];

int pat\_age[] = new int[30];

String doc[] = new String[30];

void input(int np){

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

System.out.println("enter the details of "+i +" patients");

System.out.println("Enter the patient id:");

this.pat\_id[i] = sc.nextInt();

System.out.println("Enter the patient name:");

this.pat\_name[i] = sc.next();

System.out.println("Enter the patient age:");

this.pat\_age[i] = sc.nextInt();

System.out.println("Enter the doctor name of patient being treated:");

this.doc[i] = sc.next();

}

}

void display(int np){

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

System.out.println("Details of patient "+i);

System.out.println("patient id: "+this.pat\_id[i]);

System.out.println("patient name: "+this.pat\_name[i]);

System.out.println("patient age : "+this.pat\_age[i]);

System.out.println("treated doctor name : "+this.doc[i]);

System.out.println(" ");

}

}

}

class Patientsdetails{

public static void main(String[] args){

Scanner sc = new Scanner(System.in);

Patient p = new Patient();

System.out.println("Enter the no of patients: ");

int np = sc.nextInt();

p.input(np);

p.display(np);

}

}

