**Practical no 6**

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**ROLL NO: 38**

**Hospital management system**

**Code:**

import java.util.\*;

class Event

{

void Home()

{

System.out.println(">>>>>===========================WelcomeTo   Online  hospital Management System========================================<<<<<");

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

System.out.println("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Home\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"); Scanner sc=new Scanner(System.in); System.out.println("Enter Agent Name:-");

String s=sc.next(); System.out.println("Enter Address:-");

String st=sc.next();

System.out.println("Enter Location:-");

String L=sc.next(); System.out.println("E-mail ID:-");

String E=sc.next();

}

Event() // default constructor

{

Home();

System.out.println("Events are:");

System.out.println("\n A)regular checkup: \n\t 1)cancer checkup \n\t2)heart specialist \n\t 3)numerologist \n\t 4)urin checkup \n\t5)");

System.out.println("\n B)blood donation: \n\t 1)eye checkup\n\t2)vaccination \n\t");

}

}

class UserRegistration extends Event

{

void Registration()

{

//  super.Registration();

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

System.out.println("\n>>>>>>>>>>>>>>>>>>>>>\*\*USER REGISTRATION\*\*<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<");

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

System.out.println("=================Log In=================");

Scanner scr=new Scanner(System.in); System.out.println("Enter First Name:"); String a=scr.next(); System.out.println("Enter Last Name:"); String b=scr.next(); System.out.println("Enter DOB"); Integer i=scr.nextInt(); System.out.println("Enter Address:"); String h=scr.next();

System.out.println("Enter contact number:"); Long i1=scr.nextLong(); System.out.println("Enter City:");

String d=scr.next(); System.out.println("Enter Email-ID:");

String e=scr.next(); System.out.println("Enter Gender"); String k=scr.next(); System.out.println("Enter Pincode"); Integer i2=scr.nextInt();

}

}

class BookingEvent extends UserRegistration

{

void Booking()

{

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

System.out.println(">>>>>===================BOOKING EVENT=================<<<<<");

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

Scanner r=new Scanner(System.in); System.out.println("Enter your name:"); String name=r.next();

System.out.println("Enter mobile number"); Long num=r.nextLong();

}

void Select()

{

Booking();

System.out.println("Please Enter your choice:"); Scanner scanIn=new Scanner(System.in);

int Events=scanIn.nextInt(); switch(Events)

{

case 1:

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

System.out.println("\n>>===================================regular checkup================================");

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

 System.out.println("Select regular checkup:");

  Scanner scan=new Scanner(System.in);

int subevents1=scan.nextInt(); switch(subevents1)

{

case 1:

System.out.println("1.cancer checkup"); break;

case 2:

System.out.println("2.blood donation"); break;

case 3:

System.out.println("3.heart specialist"); break;

case 4:

System.out.println("4.vaccination"); break;

case 5:

System.out.println("5.numerologist"); break;

default:

System.out.println("Invalid choice!");

}

break;

case 2:

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

System.out.println(">>>==================cancer checkup==================================<<<");

System.out.println("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"); System.out.println("Select Family event:"); Scanner scan1=new Scanner(System.in); int subevents2=scan1.nextInt(); switch(subevents2)

{

case 1: System.out.println("1.eye checkup"); break;

case 2: System.out.println("2.urin checkup"); break;

default:

System.out.println("Invalid choice!");

}

break; default:

System.out.println("Invalid choice!");

}

}

void equipments()

{

System.out.println("Equipments  for events  are:    \n\t1.bp check parameter    \n\t    2.injection \n\t    3.medicine \n\t 4.bottels for blood collection");

System.out.println("please  select  equipments  required for your event:");

System.out.println("\n\t1.injection \n\t2.medicine \n\t3.Light System \n\n\t These are common for all Events    ");

System.out.println("Thank you for placing order !");

}

}

class Final extends BookingEvent

{

public static void main(String args[])

{

Final f=new Final();

f.Registration(); f.Select(); f.equipments();

}

}

**Output:**

