**public** **class** hms {

String a ="2 PM";

**public** **static** **void** main(String[] args) {

String a ="2 PM";

System.***out***.println("\t\t\t\t\tHospital Management System");

System.***out***.println("\nPatient Name:Taha Ameer");

System.***out***.println("Patient's Father's Name:Ameer Khan");

System.***out***.println("Mr Number:#001");

System.***out***.println("Time:"+a);

System.***out***.println("Patient's CNIC Number:4231-\*\*\*\*\*\*\*\*\*\*\*");

System.***out***.println("Patient's Ward:Ward No:01");

String[] array;

array = **new** String [4];

array [0]="Flu";

array [1]="Fever";

array [2]="B.P";

array [3]="Diabities";

System.***out***.println("\nPatient has follwing diseases:");

System.***out***.println("\nDisease #:"+array [0]);

System.***out***.println("Disease #:"+array [1]);

System.***out***.println("\n\nFollowing doctors are available for your service");

String [] []names ={{"Dr. Majid", "Dr.Ibtehaj", "Dr.Taha", "Dr.Hamza"} ,

{"\n(Child Specialist)"," \n(Diabities Specialist)","\n(B.P. Expert)","\n(Surgen)" }};

System.***out***.println("\nFor Flu and Fever:\n"+names[0][0] +names[1][0]);

System.***out***.println("\nFor Diabities:\n"+names[0][1] +names[1][1]);

System.***out***.println("\nFor B.P. Problems:\n"+names[0][2] +names[1][2]);

System.***out***.println("\nFor Surgery:\n"+names[0][3] +names[1][3]);

System.***out***.println("\n\nNow let us check your selceted doctor's appointments:");

System.***out***.println("\nDr.Majid's Timings: 9 AM - 11 PM");

System.***out***.println("\nDr.Ibtehaj's Timings:11:15 AM - 2:30 PM");

System.***out***.println("\nDr.Taha's Timings: 1:30 AM - 2:30 AM");

System.***out***.println("\nDr.Hamza's Timings: 9 AM - 11:30PM");

**if** (a=="2 PM")

{

System.***out***.println("\n\t\t\t\t\t\tDr.Majid is available\n\t\t\t\t\t\tYou can meet him at room number 04");

}

**else** { System.***out***.println("Dr.Majid is not available now");

}

System.***out***.println("Appointment Fees:\n\nFor Dr.Majid\n1000Rs Only");

System.***out***.println("\n\nYou can pay Appointment Fees by the following options:\n1.Online\n2.Card \n3.Cash");

System.***out***.println("\n\t\t\t\t\t\tCash Recieved!\n\n\t\t\t\t\t\tReceipt:\n\n\t\t\t\t\t\tPatient Name:Taha Ameer\n\t\t\t\t\t\tPatient's Father's Name:Ameer Khan\n\t\t\t\t\t\tMr Number:#001\n\t\t\t\t\t\tTime:2 PM\n\t\t\t\t\t\tPatient's CNIC Number:4231-\*\*\*\*\*\*\*\*\*\*\*\n\t\t\t\t\t\tPatient's Ward:Ward No:0\n\t\t\t\t\t\tPatient's Diseases:\n\t\t\t\t\t\t#1.Flu\n\t\t\t\t\t\t#2.Fever\n\t\t\t\t\t\tDoctor:Dr.Majid\n\t\t\t\t\t\tCash Recieved:1000Rs");

System.***out***.println("\n\t\t\t\t\t\tThanks for visiting our hospital");

}

}