HOSPITAL MANAGEMENT SYSTEM

TEAM MARK 1

- ## TEAM MEMBERS:
  - ➢ THOUFIQ
  - ➢ AKSHAY
  - ➢ AKASH
  - ➢ MUKESH

PROJECT DESCRIPTION

➢ OUR PROJECT IS ABOUT HOSPITAL MANAGEMENT SYSTEM.

➢ WHEN A PATIENT WANTS TO CONSULT A DOCTOR HE/SHE HAS TO FILL BASIC DETAILS OF PATIENT .

➢ AFTER FILLING THE PATIENT DETAILS , HE/SHE HAS TO SELECT THE REQUIRED SPECALIST DOCTOR.

➢ THEN , THE CODE EXPLAINS ABOUT : HMS…...

CODE INPUT

```c
//Hospital Management system
#include<stdio.h>
int main() {
    int age, op, ph_no;
    char name[20], ch;
    printf("--HOSPITAL MANAGEMENT--\n");
    printf("Patient name: ");
    scanf("%s", name);
    printf("Enter your mobile number: ");
    scanf("%d", &ph_no);
    printf("Enter your age: ");
    scanf("%d", &age);
    printf("Which specialist do you need?\n");
    printf("Available specialists:\n1. Cardiologist\n2. Neurologist\n3. Physiotherapist");
    printf("\nChoose your specialist: ");
    scanf("%d", &op);
    if(op == 1) {
        printf("Selected Cardiologist\n");
        printf("Available doctors:\n");
        printf("1. DR.S.Akshay MBBS, MS ICL\nPhone no: 966666222\nExperience: 10 years\nRoom no: 206\nAvailability: Yes\n");
        printf("\n2. DR.R.Akash MBBS, DO, CATARACT\nPhone no: 9087654321\nExperience: 15 years\nRoom no: 208\nAvailability: NO\n");
        printf("\n3. DR.M.Mukesh MBBS, MS, Sr. VETERIO\nPhone no: 908767890\nExperience: 12 years\nRoom no: 210\nAvailability: Yes\n");
        printf("Choose doctor: ");
        scanf("%d", &op);
        if(op == 1) {
            printf("You selected DR.S.Akshay");
            printf("Dear %s, your consultancy fee is Rs.2000. Pay the fee to proceed with your appointment.\n", name);
        } else if(op == 2) {
            printf("You selected DR.R.Akash");
            printf("DR is currently not available");
            printf("Do you want to book an appointment tomorrow?\n1. Yes\n2. No");
            printf("Enter your option: ");
            scanf(" %c", &ch);
            if(ch == 'y' || ch == '1') {
                printf("Hello %s, your appointment is booked tomorrow with DR.R.Akash at 10:00 AM", name);
```

```c
        if(ch == 'y' || ch == '1') {
            printf("Hello %s, your appointment is booked tomorrow with DR.R.Akash at 10:00 AM", name);
            printf("Your consultancy fee is Rs.2000. Pay the fee to proceed with your appointment.\n");
        } else if(ch == 'n' || ch == '2') {
            printf("Available doctors:\n");
            printf("1. DR.S.Akshay MBBS, MS ICL\nPhone no: 966666222\nExperience: 10 years\nRoom no: 206\nAvailability: Yes");
            printf("2. DR.M.Mukesh MBBS, MS, Sr. VETERIO S\nPhone no: 908767890\nExperience: 12 years\nRoom no: 210\nAvailability: Yes");

            printf("Select available doctor: ");
            scanf("%d", &op);
            if(op == 1) {
                printf("You selected DR.S.Akshay");
                printf("Dear %s, your consultancy fee is Rs.2000. Pay the fee to proceed with your appointment.\n", name);
            } else if(op == 2) {
                printf("You selected DR.M.Mukesh");
                printf("Dear %s, your consultancy fee is Rs.2000. Pay the fee to proceed with your appointment.\n", name);
            }

        }

    }
} else if(op == 2) {
    printf("Selected Neurologist");
    printf("Neurologist is not available");
    printf("Schedule of Neurologist is MON-TUES");
} else if(op == 3) {
    printf("Selected Physiotherapist");
    printf("Physiotherapist is not available");
    printf("Schedule of Physiotherapist is WED-FRI");
}
return 0;
```

OUT PUT

```
--HOSPITAL MANAGEMENT--
patient name: sarma
enter your mobile num: 9887654321
enter your age: 19
which specialist do you need?
Available specialists:
1.Cardiologist
2.Neurologist
3.Physiotherapist
choose your specialist: 1
selected cardiologist

Available doctors:

1.DR.S.Akshay MBBS,MS ICL
ph_no:966666222
Experience:10 years
Room no:206
Availability:yes

2.DR.R.Akash MBBS,DO,CATARACT
ph_no:9087654321
Experience:15 years
Room no:208
Availability:NO

3.DR.M.Mukesh MBBS,MS,Sr.VETERIO S
ph_no:908767890
Experience:12 years
Room no:210
Availability:yes
```

```
choose doctor: 2

selected DR.R.Akash
DR is currently not available
do you want to book appointment tommorow?
1.Yes
2.No
enter your option: y
HELLO sarma, your appointment is booked tomorrow with DR.R.Akash at 10:00 AM
your consultancy fee is Rs.2000. Pay the fee to proceed with your appointment.


...Program finished with exit code 0
Press ENTER to exit console.
```