

```
#include <stdio.h>
#include <stdlib.h>
#include <conio.h>

int main(int argc, char*argv[]){

    char Patient_Name[50];
    char Case_Diagnosed[50];
    int Consultancy_fee;
    int Admission_fee;
    int Number_of_Day_admitted;
    int bed_fee_rate[] = {100000, 80000, 60000, 45000};
    int total_bill;
    int bed_fee;

    printf("Enter your full name          : ");
    fgets(Patient_Name, sizeof(Patient_Name), stdin);

    printf("Case Diagnosed                      : ");
    fgets(Case_Diagnosed, sizeof(Case_Diagnosed), stdin);

    printf("Consultancy Fee                        : ");
    scanf("%d", &Consultancy_fee);

    printf("Admission Fee                          : ");
    scanf("%d", &Admission_fee);

    printf("Number of days admitted              : ");
    scanf("%d", &Number_of_Day_admitted);
```

```

    if(Number_of_Day_admitted >= 10){
        bed_fee = Number_of_Day_admitted * bed_fee_rate[3];
    }else if(Number_of_Day_admitted >= 7){
        bed_fee = Number_of_Day_admitted * bed_fee_rate[2];
    }else if(Number_of_Day_admitted >= 4){
        bed_fee = Number_of_Day_admitted * bed_fee_rate[1];
    }else {
        bed_fee = Number_of_Day_admitted * bed_fee_rate[0];
    }

    total_bill = bed_fee + Consultancy_fee + Admission_fee;

    printf("\n\n");

    printf("                BUHIGA HOSPITAL BILL SYSTEM\n");
    printf("\t****AUTOMATED PATIENTS RECEIPT****\n");

    printf("=====");
    printf("Patient's name           : %s", Patient_Name);
    printf("Case Diagnosed           : %s", Case_Diagnosed);
    printf("Consultancy Fee          : %d\n", Consultancy_fee);
    printf("Admission Fee            : %d\n", Admission_fee);
    printf("Number of days admitted : %d\n", Number_of_Day_admitted);
    printf("Bed Fees                  : %d\n", bed_fee);

    printf("=====");

    printf("Total Bill                : %d\n", total_bill);
    printf("UGX\n");

```

```

return 0;
}
```