Q. A certain college in Kathmandu offers undergraduate program for BIT, BBA and BHM. Students of any background can apply for BBA and BHM. However of BIT, science background is mandatory and requires for a minimum of 60% marks in Math. The college also provides scholarship schemes whereby, a minimum of 60% in +2 qualifies the candidate for 25% scholarship in BBA and BHM whereas it requires minimum 70% for BIT. However, for every student securing 90% in +2 will qualify for 75% scholarship in all faculties. Write a program that interacts with students, what subjects they are eligible for and if they get scholarship.

```c
#include<stdio.h>

int main(){
    int background, plus2grade, mathGrade;
    printf("-------Welcome to TBC addmission-------\n");
    printf("Our faculties include:\n1.BBA \n2.BHM \n3.BIT\n\n");
    printf("Your options: [1]Science [2]Management [3]Others\n");
    printf("Please enter you background: ");
    scanf("%i", &background);
    printf("Enter your overall marks in +2 in percentage:\n");
    scanf("%i", &plus2grade);

    if (background == 1){
    printf("Enter you grade of Mathematics in percentage:\n");
    scanf("%i", &mathGrade);

    printf("You are eligible for: ");
        if(mathGrade >= 60){
            printf("BBA, BHM and BIT.\n");
        }
        else{
            printf("BBA and BHM.\n");
        }
```

```c
        if(plus2grade >= 90){

            printf("You can apply for 90%% Scholarship.\n");

        }
        else if(plus2grade >= 70){

            printf("You can apply for 25%% Scholarship.\n");

        }
        else{

            printf("You cannot apply for Scholarship.\n");

        }

    }
    else if(background == 2 || background == 3){

        printf("You are eligible for: BBA and BHM3.\n");

        if(plus2grade >= 60){

        printf("You can apply for 25%% Scholarship.\n");

        }
        else if(plus2grade >= 90){

        printf("You can apply for 90%% Scholarship.\n");

        }
        else{

            printf("You cannot apply for Scholarship.\n");

        }

    }
    else{

        printf("Invalid input...");

    }
    return 0;

}
```