Q.1 Write a Program to find the minimum number from the given 3 numbers using the ternary operator.
For example,
Input:
Enter a value of the first number: 8
Enter a value of the second number: 3
Enter a value of the third number: 12

Output:
The minimum value is: 3

Ans:

```c
// Online C compiler to run C program online
#include <stdio.h>

void main() {
    int firstnumber,secondnumber,thirdnumber;
 //if(firstnumber<secondnumber){
 //if(firstnumber<thirdnumber){
    printf("enter value of firstnumber");
    scanf("%d",&firstnumber);
    printf("enter value of secondnumber");
    scanf("%d",&secondnumber);
    printf("enter value of thirdnumber");
    scanf("%d",&thirdnumber);
    //printf(fitst number is minimum);
// }else{
//printf(third number is minimum);
//}else if(secondnumber<thirdnumber){
  //  printf(secondnumber is minimum);
//}else{
    //printf(fourthnumber is minimum);
//}



//}

(firstnumber<secondnumber)?(firstnumber<thirdnumber)?printf("firstnumber is
min:%d",firstnumber):printf("thirdnumber is
min:%d",thirdnumber):(secondnumber<thirdnumber)?printf("secondnumber is
min:%d",secondnumber):printf("thirdnumber is min:%d",thirdnumber);
```

}

o/p;
enter value of firstnumber8
enter value of secondnumber3
enter value of thirdnumber12
secondnumber is min:3

=== Code Exited With Errors ===

Q.2 Write a Program to create a menu-driven program for Telecom call service conversation using nested switch case.
For example,
Press 1 for English
Press 2 for Hindi
Press 3 for Gujarati
Enter your choice: 1

Press 1 for Internet Recharge
Press 2 for Top-up Recharge
Press 3 for Special Recharge
Enter your choice: 2

You have successfully done a Top-up Recharge.
// Online C compiler to run C program online


```c
#include <stdio.h>

int main() {
    int languageChoice, rechargeChoice;

    printf("Welcome to Telecom Call Service\n");
    printf("Press 1 for English\n");
    printf("Press 2 for Hindi\n");
    printf("Press 3 for Gujarati\n");
    printf("Enter your choice: ");
    scanf("%d", &languageChoice);

    switch (languageChoice) {
```

```c
case 1:
    printf("You have selected English language\n");
    printf("Press 1 for Internet Recharge\n");
    printf("Press 2 for Top-up Recharge\n");
    printf("Press 3 for Special Recharge\n");
    printf("Enter your choice: ");
    scanf("%d", &rechargeChoice);

    switch (rechargeChoice) {
        case 1:
            printf("You have successfully done an Internet Recharge\n");
            break;
        case 2:
            printf("You have successfully done a Top-up Recharge\n");
            break;
        case 3:
            printf("You have successfully done a Special Recharge\n");
            break;
        default:
            printf("Invalid choice\n");
    }
    break;

case 2:
    printf("You have selected Hindi language\n");
    printf("internet recharge ke liye 1 dabaiye\n");
    printf("top-up recharge ke liye 2 dabaiye\n");
    printf("special recharge ke 3 dabaiye\n");
    printf("Enter your choice: ");
    scanf("%d", &rechargeChoice);

    switch (rechargeChoice) {
        case 1:
            printf("Aapne safaltapurvak Internet Recharge kar liya he\n");
            break;
        case 2:
            printf("Aapne safaltapurvak top - up Recharge kar liya he\n");
            break;
        case 3:
            printf(" aapne safaltapurvak vishes recharge kar liya he\n");
            break;
        default:
            printf("invalid recharge\n");
    }
```

```c
            break;

        case 3:
            printf("You have selected Gujarati\n");
            printf("Internet Recharge mate 1 dabavo\n");
            printf("Top-up Recharge mate 2 dabavo\n");
            printf("Special Recharge mate 3 dabavo\n");
            printf("Enter your choice: ");
            scanf("%d", &rechargeChoice);

            switch (rechargeChoice) {
                case 1:
                    printf("tame safaltapurvak internet recharge karyo che\n");
                    break;
                case 2:
                    printf("tame safaltapurvak top - up recharge karyo che\n");
                    break;
                case 3:
                    printf("tame safaltapurvak special recharge karyo che\n");
                    break;
                default:
                    printf("invaild recharge\n");
            }
            break;

        default:
            printf("Invalid language choice\n");
    }
return 0;
}
```

o/p;

```
Welcome to Telecom Call Service
Press 1 for English
Press 2 for Hindi
Press 3 for Gujarati
Enter your choice: 1
You have selected English language
Press 1 for Internet Recharge
Press 2 for Top-up Recharge
Press 3 for Special Recharge
Enter your choice: 2
```

You have successfully done a Top-up Recharge

=== Code Execution Successful ===

o/p;

Welcome to Telecom Call Service
Press 1 for English
Press 2 for Hindi
Press 3 for Gujarati
Enter your choice: 2
You have selected Hindi language
internet recharge ke liye 1 dabaiye
top-up recharge ke liye 2 dabaiye
special recharge ke 3 dabaiye
Enter your choice: 1
Aapne safaltapurvak Internet Recharge kar liya he

=== Code Execution Successful ===
o/p;

Welcome to Telecom Call Service
Press 1 for English
Press 2 for Hindi
Press 3 for Gujarati
Enter your choice: 3
You have selected Gujarati
Internet Recharge mate 1 dabavo
Top-up Recharge mate 2 dabavo
Special Recharge mate 3 dabavo
Enter your choice: 3
tame safaltapurvak special recharge karyo che

=== Code Execution Successful ===