```c
#include <stdio.h>
int main()
{
    int a, b;
    Printf("Enter two numbers);
    Scanf("%d %d", &a, &b);
    Printf("Menu: \n");
    Printf("1: addition");
    Printf("2: Subtraction");
    Printf("3: multiplication);
    Printf("4: remainder);
    Printf("5: division);
    Printf("6: two nos are equal);
    Printf("7: first one greater);
    Printf("8: second one greater);
    Printf("9: first one greater than or equal);
    Printf("10: Second one greater than or equal);
    Printf("11: Quit\n");
    while(1)
    {
        printf("Please choose option \n");
        int choice;
```

```c
scanf("%d", &choice);
if (choice == 1)
    printf(" sum = %d", a+b);
else if (choice == 2)
    printf(" difference = %d", a-b);
else if (choice == 3)
    printf("multiplication = %d", a*b);
else if (choice == 4)
    printf("remainder = %d", a%b);
else if (choice == 5)
    printf(" division = %d", a/b);
else if (choice == 6)
{
    if (a == b)
    printf("True");
}
else if (choice == 7)
{
    if (a > b)
    printf("True");
}
else if (choice == 8)
{
    if (a < b)
```

```c
        printf("True");
    }
    else if(choice == 9)
    {
        if(a >= b)
        printf("True");
    }
    else if(choice == 10)
    {
        if(a <= b)
        printf("True");
    }
    else if(choice == 11)
    {
        break;
    }
    else
    printf("Invalid choice");
    }
}
```