Problem :-

Write a program that reads three numbers and uses the conditional operator to find and print the largest number. Additionally, check if the largest number is even or odd using nested if statements.

Input :-

```c
#include <stdio.h>
int main() {
    int a,b,c,l;

    printf("enter value of a :- ");
    scanf("%d",&a);

    printf("enter value of b :- ");
    scanf("%d",&b);

    printf("enter value of c :- ");
    scanf("%d",&c);

    if (a>b && a>c) {
        printf("a is largest of all \n");
        l=a;
        if (a%2==0) {
            printf("the given largest number %d is :- even",l);
        }
        else {
            printf("the given largest number %d is :- odd",l);
        }
    }
    else if (b>a && b>c) {
        printf("b is greatest of all\n");
        l=b;
        if (a%2==0) {
            printf("the given largest number %d is :- even",l);
        }
        else {
            printf("the given largest number %d is :- odd",l);
        }
    }
    else if (c>a && c>b) {
        printf("c is greatest of all\n");
        l=c;
        if (a%2==0) {
            printf("the given largest number %d is :- even",l);
        }
        else {
            printf("the given largest number %d is :- odd",l);
        }
    }
    else {
        printf("all are equal\n");
    }


    return 0;
}
```

Output :-

```
enter value of a :- 10
enter value of b :- 15
enter value of c :- 20
c is greatest of all
the given largest number 20 is :- even
```

Problem :-

Write a program that reads the temperature in Celsius and prints a message based on the following conditions:
If the temperature is less than 0, print "Freezing."
If the temperature is between 0 and 10 (inclusive), print "Cold."
If the temperature is between 11 and 20 (inclusive), print "Moderate."
If the temperature is greater than 20, print "Warm."

Input :-

```c
#include <stdio.h>
int main() {
    int temp;
    printf("enter the temp in celsius :- ");
    scanf("%d",&temp);

    if (temp<0) {
        printf("Its Freezing out here");
    }
    else if (temp>=0 && temp <=10) {
        printf("Its Cold out here");
    }
    else if (temp>10 && temp<=20) {
        printf("Its Moderate out here");
    }
    else {
        printf("Its Warm out here");
    }
    return 0;
}
```

Output :-

```
enter the temp in celsius :- 6
Its Cold out here
```