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***Assignment no:2***

***Question:***

***Write a C program  to read temperature in centigrade and display a suitable message according to the temperature using nested if-else as state below:***

***Cases:***

***Temp < 0 then Freezing weather***

***Temp 0-10 then Very Cold weather***

***Temp 10-20 then Cold weather***

***Temp 20-30 then Normal in Temp***

***Temp 30-40 then Its Hot***

***Temp >=40 then Its Very Hot***

***Solution:***

***#include <stdio.h>***

***int main() {***

***float temperature;***

***printf("Enter temperature in centigrade: ");***

***scanf("%f", &temperature);***

***if (temperature < 0)***

***printf("Freezing weather\n");***

***else {***

***if (temperature <= 10)***

***printf("Very Cold weather\n");***

***else {***

***if (temperature <= 20)***

***printf("Cold weather\n");***

***else {***

***if (temperature <= 30)***

***printf("Normal in Temp\n");***

***else {***

***if (temperature <= 40)***

***printf("It's Hot\n");***

***else***

***printf("It's Very Hot\n");***

***}***

***}***

***}***

***}***

***return 0;***

***}***