

**WAP to read temperature in centigrade and display a suitable message according to the temperature state below:**

**PROGRAM:-**

```
#include <stdio.h>
int main()
{
    int temp;
    printf("Enter Temperature in centigrade: ");
    scanf("%d", &temp);
    if (temp < 0) printf("Freezing weather\n");
    else if (temp <= 10) printf("Very Cold weather\n");
    else if (temp <= 20) printf("Cold weather\n");
    else if (temp <= 30) printf("Normal weather\n");
    else if (temp <= 40) printf("Its Hot\n");
    else printf("Its Very Hot\n");
}
```

//Output 1 -

```
Enter Temperature in centigrade: -1
Freezing weather
-----
```

//Output 2 -

```
Enter Temperature in centigrade: 0
Very Cold weather
-----
```

//Output 3 -

```
Enter Temperature in centigrade: 15
Cold weather
-----
```

//Output 4 -

```
Enter Temperature in centigrade: 25
Normal weather
-----
```

//Output 5 -

```
Enter Temperature in centigrade: 35
Its Hot
-----
```

//Output 6 -

```
Enter Temperature in centigrade: 45
Its Very Hot
-----
```