

# Programming using C

## Highlights 34:: If statement — Earthquake Magnitude on Richter scale

```
float m;
printf("Earthquake magnitude: ");
scanf("%f", &m);
if(m<2)
    printf("\nMicro earthquake");
if(m>=2 && m<3)
    printf("\nvery minor earthquake");
if(m>=3 && m<4)
    printf("\nminor earthquake");
if(m>=4 && m<5)
    printf("\nLight earthquake");
if(m>=5 && m<6)
    printf("\nModerate earthquake");
if(m>=6 && m<7)
    printf("\nStrong earthquake");
if(m>=7 && m<8)
    printf("\nMajor earthquake");
if(m>=8 && m<10)
    printf("\nGreat earthquake");
if(m>=10)
    printf("\nMeteoric earthquake");
```