

```

//16 wind speed
#include <stdio.h>
int main()
{
    int con;
    float speed ;
    con = 1;
    while(con == 1)
    {
        printf("Enter your speed : ");
        scanf("%f",&speed);

        while(speed < 0)
        {
            printf("wrong input\n");
            break;
        }

        while(speed >= 0 && speed < 1)
        {
            printf("Calm \n");
            break;
        }

        while(speed >= 1 && speed <= 3)
        {
            printf("Light Air \n");
            break;
        }

        while(speed > 3 && speed <= 27)
        {
            printf("Breeze \n");
            break;
        }

        while(speed > 27 && speed <= 47)
        {
            printf("Gale \n");
            break;
        }

        while(speed > 47 && speed <= 63)
        {
            printf("Strom \n");
            break;
        }

        while(speed > 63)

```

```
        {
            printf("Hurricane \n");
            break;
        }

        printf("continues ? (1 for continues) : ");
        scanf("%d", &con);
    }
}
```