//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);

}

}