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#include<stdio.h>
#include<math.h>

int main(){
    float sun = 1.0, mon, tue, wed, thresh;
    int count = 0;
    scanf("%f\nMonday: %f\nTuesday: %f\nWednesday: %f", &thresh, &mon, &tue, &wed);

    printf("Monday: ");
    if(mon - sun >= thresh){
        printf("High\n");
        count++;
    }else
        printf("Low\n");

    printf("Tuesday: ");
    if(tue - mon >= thresh){
        printf("High\n");
        count++;
    }else
        printf("Low\n");

    printf("Wednesday: ");
    if(wed - tue >= thresh){
        printf("High\n");
        count++;
    }else
        printf("Low\n");

    if(count < 2)
        printf("%.3f",0.0);
    else
        printf("%.3f",sqrt((mon*mon + tue*tue + wed*wed)/3.0));
    return 0;
}
```