

## Answer on Question #48753 – Programming – C

```
#include <stdio.h>

int main(){
    char *month[] = { "January", "February", "March", "April", "May", "June", "July", "August",
"September", "October", "November", "December" };

    double temperature[12][2];
    double average_min=0, average_max=0, min=100, max=-100;
    int i, min_month, max_month;

    for (i = 0; i < 12; i++){
        printf("%s [min, max] ", month[i]);
        scanf("%lf", &temperature[i][0]);
        scanf("%lf", &temperature[i][1]);
    }

    for (i = 0; i < 12; i++){
        average_min += temperature[i][0];
        average_max += temperature[i][1];

        if (min>temperature[i][0]){ min = temperature[i][0]; min_month = i; }
        if (max<temperature[i][1]){ max = temperature[i][1]; max_month = i; }
    }

    average_max /= 12; average_min /= 12;

    printf("\nAverage high: %.2lf\n", average_max);
    printf("Average low: %.2lf\n", average_min);
    printf("Highest temperature: %.2lf (%s)\n", max, month[max_month]);
    printf("Lowest temperature: %.2lf (%s)\n", min, month[min_month]);

    getchar(); getchar();
    return 0;
}
```