

Programming Test

Feelings about programming: Nothing special.

Time cost: 5 mins

Source code:

```
1  #include<stdio.h>
2
3  double weightedAverage(double organization, double
   structure, double logic, double assembly, double
   embedded){
4      organization=organization<60?0:organization;
5      structure=structure<60?0:structure;
6      logic=logic<60?0:logic;
7      double
   wtd_avrg=organization+structure+logic+assembly*0.9+emb
   edded*0.8;
8      wtd_avrg/=1+1+1+0.9+0.8;
9      if(wtd_avrg<organization*0.6) return
   organization*0.6;
10     return wtd_avrg;
11 }
12 int main(){
13     double
   organization,structure,logic,assembly,embedded;
14     printf("Please input the score of organization
   coures: ");
15     scanf("%lf",&organization);
16     printf("Please input the score of structure
   course: ");
17     scanf("%lf",&structure);
18     printf("Please input the score of logic course:
   ");
19     scanf("%lf",&logic);
20     printf("Please input the score of assembly course:
   ");
21     scanf("%lf",&assembly);
```

```
22     printf("Please input the score of embedded course:");
23     scanf("%lf",&embedded);
24     double
    wtd_avrg=weightedAverage(organization,structure,logic,
    assembly,embedded);
25     printf("The weighted average score is:
    %f\n",wtd_avrg);
26     return 0;
27 }
```