

IOI2014予選問題解答. 2016. 9.12

```
#include <stdio.h>
#include <math.h>
int main(){
    int A, B, C, D, P;
    scanf("%d\n", &A);
    scanf("%d\n", &B);
    scanf("%d\n", &C);
    scanf("%d\n", &D);
    scanf("%d\n", &P);
    int X;
    int Y;
    X = A * P;
    if(P <= C){
        Y = B;
    }
    else{
        int over = P - C;
        Y = B + D * over;
    }
    if(X < Y){
        printf("%d\n", X);
    }
    else{
        printf("%d\n", Y);
    }
    return 0;
}
```

入力:

8
300
100
10
250

```
1 #include <stdio.h>
2 #include <math.h>
3 int main(){
4     int A, B, C, D, P;
5     scanf("%d\n", &A);
6     scanf("%d\n", &B);
7     scanf("%d\n", &C);
8     scanf("%d\n", &D);
9     scanf("%d\n", &P);
10    int X;
11    int Y;
12    X = A * P;
13    if(P <= C){
14        Y = B;
15    }
16    else{
17        int over = P - C;
18        Y = B + D * over;
19    }
20    if(X < Y){
21        printf("%d\n", X);
22    }
23    else{
24        printf("%d\n", Y);
25    }
26    return 0;
27 }
```

iPad

1800