

上学迟到问题

人员

初锦阳、田心一、吴念远、赵牧之、李瑞涵、柳力玮、王馨琪、苑钊、韩昱辰、周沁言、刘子轩、李知朔、纪博涵 到课

上周作业检查

上周作业链接: <https://www.luogu.com.cn/contest/220132>

2024-1215周日15:30

报名

编辑比赛

题目数8 | 报名人数16

比赛说明 | 题目列表 | 排行榜

名次	参赛者	总分	A	B	C	D	E	F	G	H
#1	柳力玮	800 (11.51h)	100 (23.97min)	100 (39.27min)	100 (49.93min)	100 (2.17h)	100 (1.43h)	100 (1.78h)	100 (1.96h)	100 (2.29h)
#2	赵牧之	800 (10.25d)	100 (50.52min)	100 (1.18h)	100 (1.27d)	100 (2.27d)	100 (1.92h)	100 (2.52h)	100 (3.22d)	100 (3.23d)
#3	韩昱辰	800 (19.37d)	100 (33.42min)	100 (2.21d)	100 (1.22h)	100 (6.84d)	100 (1.44h)	100 (1.89h)	100 (6.88d)	100 (3.22d)
#4	宋云朗	800 (24.04d)	100 (2.97d)	100 (2.98d)	100 (2.99d)	100 (3.00d)	100 (3.01d)	100 (3.02d)	100 (3.04d)	100 (3.03d)
#5	田心一	800 (24.70d)	100 (26.85min)	100 (32.17min)	100 (51.68min)	100 (6.19d)	100 (1.27h)	100 (6.09d)	100 (6.14d)	100 (6.15d)
#6	初锦阳	710 (6.86d)	100 (42.35min)	100 (48.68min)	100 (1.14h)	10 (1.61h)	100 (1.57h)	100 (1.78h)	100 (2.27d)	100 (4.28d)
#7	李瑞涵	710 (7.14d)	100 (24.48min)	100 (44.10min)	100 (1.06h)	10 (1.10h)	100 (1.57h)	100 (1.91h)	100 (2.24h)	100 (6.76d)
#8	王馨琪	700 (11.43d)	100 (23.50min)	100 (48.33min)	100 (1.10h)		100 (1.67h)	100 (2.21d)	100 (2.25d)	100 (6.81d)
#9	苑钊	600 (13.78d)	100 (47.00min)	100 (1.37h)	100 (1.04h)		100 (1.25h)		100 (6.79d)	100 (6.81d)
#10	吴念远	510 (7.24d)	100 (47.92min)	100 (6.90d)	100 (1.51h)	10 (1.73h)	100 (1.99h)	100 (2.19h)		
#11	周沁言	300 (17.95d)	100 (5.97d)		100 (5.98d)		100 (6.00d)			
#12	Blue_wonders	100 (3.01d)					100 (3.01d)			
#13	元骏泽	94 (34.80min)			94 (34.80min)					

作业

<https://www.luogu.com.cn/contest/221360>

课堂表现

同学们上课做题都很积极, 希望同学们继续保持。

课堂内容

P1909 [NOIP2016 普及组] 买铅笔

a 除以 b 的上取整: $(a+b-1)/b$ a,b都是正整数的时候可以用

```
#include <iostream>

using namespace std;

int main()
{
    int n, minn = 100000000;
    cin >> n;
    for (int i = 1; i <= 3; i++) {
        int a, b;
        cin >> a >> b;
        int cost = (n+a-1)/a * b;
        minn = min(minn, cost);
    }
    cout << minn << endl;
    return 0;
}
```

B3934 [语言月赛 202402] 三位数

```
#include <bits/stdc++.h>

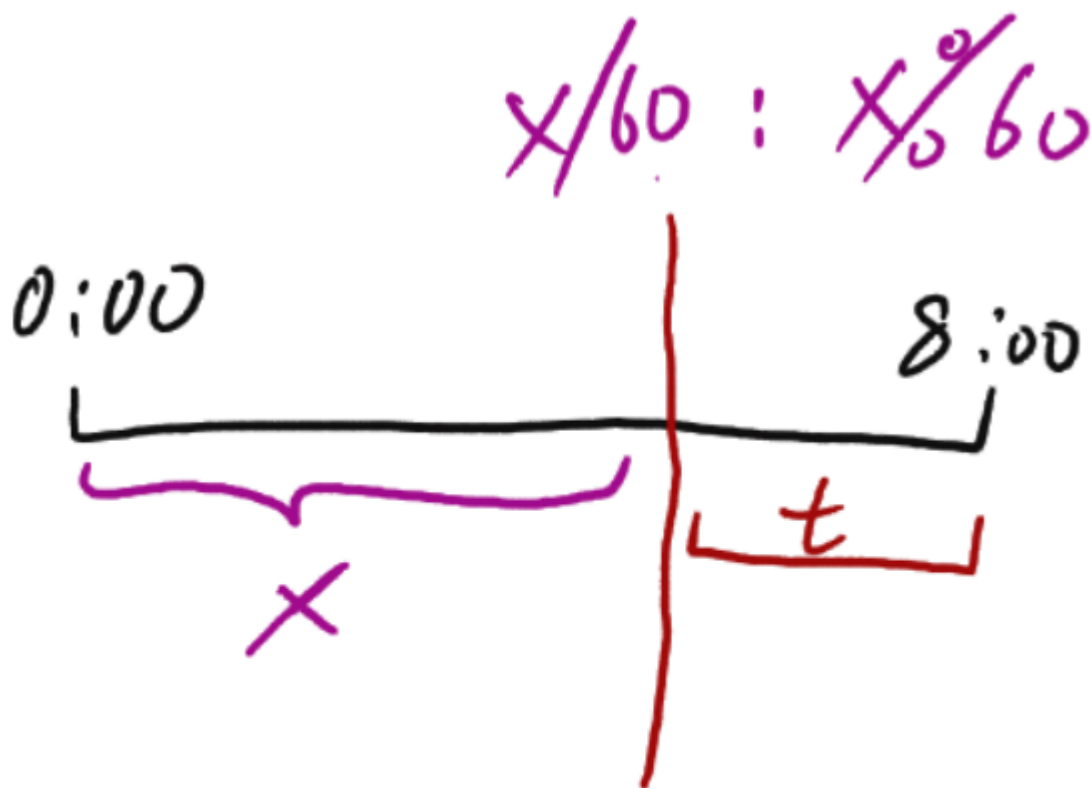
using namespace std;

int main()
{
    int k, cnt = 0; cin >> k;
    for (int i = 100; i <= 999; ++i) {
        int x = i/10, y = i%100;
        if (x%k==0 && y%k==0 && i%k==0) {
            cout << i << endl;
            ++cnt;
        }
    }

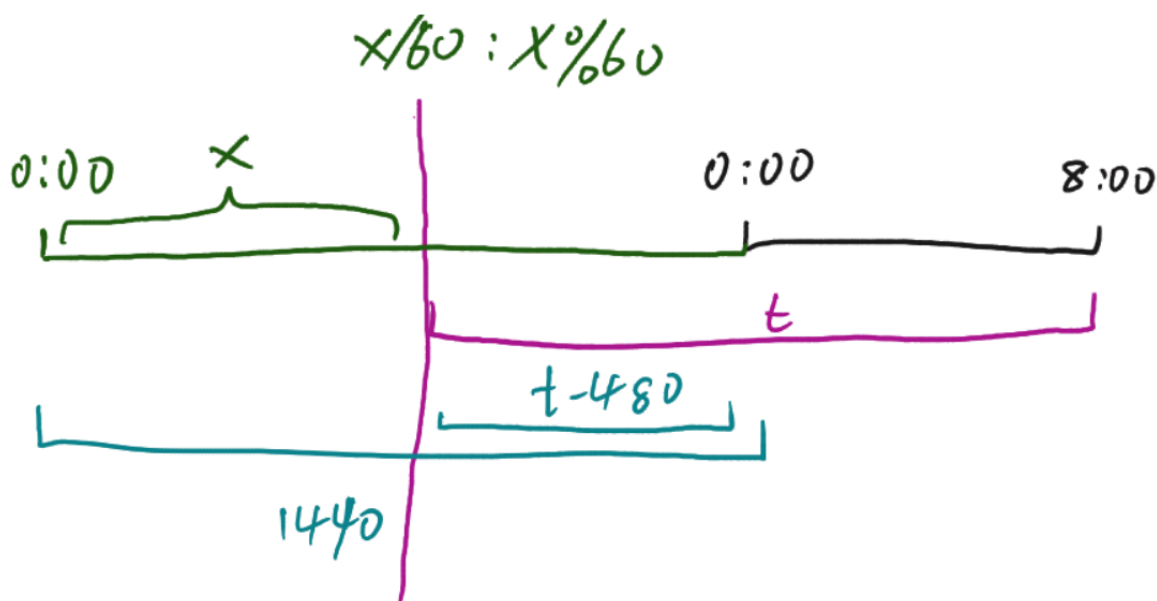
    if (!cnt) cout << "None!" << endl;
    return 0;
}
```

P5707 【深基2.例12】上学迟到

2 种情况 ($t \leq 480$ 和 $t > 480$) 分类讨论:



$$X = 480 - t$$



$$X = 1440 - (t - 480)$$

U498480 移位包含问题

```
#include<iostream>
#include<algorithm>
using namespace std;
int main(){
    string a,b;
    cin>>a>>b;
    int n=a.size();
    for(int i=1;i<=n;i++){
        int s=a.find(b);
        if(s!=-1){
            cout<<"true";
            return 0;
        }
        else{
            a=a.substr(1)+a[0];
        }
    }
    cout<<"false";
}
```