

```

#include <fstream.h>

void main()
{
    int i,n;
    long int ora,min,sec,m,s,start,t,tmax,tmin;
    ifstream f("schi.in");
    //citesc ora, minutul si secunda de start
    f>>ora>>min>>sec;
    //transform in secunde
    start=ora*3600+min*60+sec;
    //citesc numarul concurentilor
    f>>n;
    //citesc timpul primului concurent
    f>>m>>s;
    //transform in secunde
    t=m*60+s;
    //initializez maxim secunde, minim secunde
    tmax=tmin=t;
    //determin timpul cel mai bun tmin si cel mai rau tmax
    for(i=2;i<=n;i++)
    {
        f>>m>>s;
        t=m*60+s;
        if(t>tmax) tmax=t;
        if(t<tmin) tmin=t;
    }
    //adaug timpul de start in secunde la max si min
    tmax+=start;
    tmin+=start;
    //scriu rezultatele transformate in ore, minute si secunde
    ofstream g("schi.out");
    g<<tmin/3600<<" "<<(tmin%3600)/60<<" "<<(tmin%3600)%60<<endl;
    g<<tmax/3600<<" "<<(tmax%3600)/60<<" "<<(tmax%3600)%60<<endl;
    f.close();
    g.close();
}

```