Clock using c programme

```c
#include <stdio.h>
#include <windows.h>
void main()
{
int h,m,s;
int d=1000;//we add delay of 1000 miliseconds and use it in sleep
printf("set time: \n");
scanf("%d%d%d",&h,&m,&s);
 if(h>12 || m>60 || s>60 )
 {
        printf("ERROR! \n");
        exit(0);
 }
 while(1)//this is an infinite loop which runs infinitly
 {
        s++;
        if(s>59)
        {
                m++;
                s=0;
        }
        if(m>59)
        {
                h++;
                m=0;
        }
        if(h>12)
        {
                h=1;
        }
         printf("\n clock:");
         printf("\n %02d:%02d:%02d",h,m,s);//time format
         Sleep(d); //slow downs the while loop

        system("cls");
 }
}
```
OUTPUT: