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Batch:-22

Branch:-CBA

ESFP projrct


*Digital clock


```cpp
#include<iostream>

#include<ctime>

#include<cstdlib>

using namespace std;

int main()

{

  int sec_prev=0;

  while(1)

  {

    int seconds, minutes, hours;

    string str;


    time_t total_seconds=time(0);
```

```cpp
struct tm* ct=localtime(&total_seconds);

seconds=ct->tm_sec;
minutes=ct->tm_min;
hours=ct->tm_hour;

if(hours>=12)
  str="PM";
else
  str="AM";
hours=hours>12?hours-12:hours;


if(seconds==sec_prev+1 || (sec_prev==59 && seconds==0))
{
  system("CLS");
  cout<< (hours<10?"0":"") << hours <<":" << (minutes<10?"0":"") << minutes << ":" << (seconds<10?"0":"") << seconds << " " << str <<endl;
}

sec_prev=seconds;
```

```
    }


    return 0;
}
```