

MINI PROJECT

Topic : Digital clock

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```
#include <stdio.h>
```

```
#include <time.h>
```

```
#include <unistd.h>
```

```
#include <stdlib.h>
```

```
int main()
```

```
{
```

```
    int hour, minute, second;
```

```
    printf("Enter Hour, Minute and Second\n");
```

```
    scanf("%d%d%d",&hour,&minute,&second);
```

```
    if(hour>=24 || minute>=60 || second>=60)
```

```
    {
```

```
        printf("Error Data\n");
```

```
    }
```

```
    while(1)
```

```
    {
```

```
        system("clear");
```

```
        printf("%02d : %02d : %02d ",hour,minute,second);
```

```
        fflush(stdout);
```

```
        second++;  
        if(second==60)  
        {  
            minute++;  
            second=0;  
        }  
        if(minute==60)  
        {  
            hour++;  
            minute=0;  
        }  
        if(hour==24)  
        {  
            hour=0;  
            minute=0;  
            second=0;  
        }  
        sleep(1);  
    }  
    return 0;  
}
```

Thank you

