Start

Include iostream

Include window.h

Include thread

Include string

Include format

Include iomanin

Clear screen (as per requirements)

Declare all params

Int hour

Int min

Int sec

String am or pm

(for adding time)

String add hour

String add min

String add second

Print current time is 0:00:00 (am/pm)

Ask user to enter current time

Print Enter hour

Input from user hour

If > 12 {print err}

Print enter minute

Input from user minute

If > 60 {print err}

Print enter seconds

Input from user seconds

If > 60 {print err}

Print enter am or pm

If not am or pm

Print please enter am or pm

Display user input

Hour<<minute<<second<< am/pm

Then display main menu.

Print (cout<<)

Press 1 to add hour

Press 2 to add hour

Press 3 to add second

Press 4 to keep current time

Press X to exit program

If (input == 1)

Print how many hours to add?

Hr = hr + addhr

Then run clock

If (input ==2)

Print how many minutes to add?

Minute = minutes + addMin

Then run clock

If (input ==3)

Print how many seconds to add?

Seconds = seconds + add seconds

Then run clock

If (Input == 4)

Run the clock

If (input == x)

Exit program

(running the clock – display clock in 12 hr and 24hr time)

The running clock \*\*

First display all of the inputs from user for time

Then start the clock with

Seconds++

This will increment the seconds by 1

if (second > 59)

second = 0

minute++

if (minute > 59)

minute = 0

hr++

if (hr > 12)

hr = 1

if hr == pm

24hr clock = hour +12

If 24hr == 24

24hr = 0 and == am