My solution for my project to make a clock using python is to create an algorithm that increases by 1 every second and implement numerical limits so that instead of having 125 seconds it would say time at start (HH:MM:SS) +00:02:05. I will also implement a toggle for 24 hour clock and 12 hour clock.

The problem being addressed by this project is can I make a clock that tells time accurately that I like the look of and also get an A.

12 hr)
Start
Get current time from computer's OR OS's onboard clock
Every second add 1 to seconds
If seconds > 59 set seconds to 0 and add 1 to minutes
If minutes > 59 set minutes to 0 and add 1 to hours
If hours > 12 set hours to 1

(if 24hr_clock = true use 24hr_clock ruleset)
(if 24hr_clock = false use 12hr_clock ruleset)

24hr)
Start
Get current time from computer's OR OS's onboard clock
Every second add 1 to seconds
If seconds > 59 set seconds to 0 and add 1 to minutes
If minutes > 59 set minutes to 0 and add 1 to hours
If hours > 24 set hours to 1