

Computing Applications for Engineers
PALS 5

Question 1

A university is trying to determine the total amount of time students study per semester. Develop a C program script that requests the user to enter the average amount of time he/she studies per day in minutes and displays the total amount of time used to study for 1 semester (14 weeks). The total time displayed should be in hours and minutes.

Question 2

Write a C program script that continuously asks the user to enter a positive integer and only stops when -1 is entered. Then, the total of all the numbers will be displayed.

Question 3

Write a C program script that draws a solid square box using the '*' character. The size of the box is determined by the user.

Example:

Size=3

```
***
***
***
```

Size = 5

```
*****
*****
*****
*****
*****
```