Homework Assignment 4 – write a program to convert seconds into hours, minutes, and seconds

Due: 11:59PM, Feb 16, 2017

We know 1 hour is 60 minutes, and 1 minute is 60 seconds. Now please write a program to convert seconds into hours, minutes, and seconds.

Your program should let the user input the time duration in the unit of second, and then display the time in the format of hours, minutes, and seconds. For example, the output of your program should be like this:

Please enter the time duration in seconds:

8765

The time duration is 2 hours, 26 minutes and 4 seconds.

Requirements:

You should provide a simple user interface to tell the user when to input a number.

You should use constants reasonably.

Your coding style should comply with our department standard.

Hint:

Use division and modulus wisely.