C Structures Activities

Use the following struct declaration for the first two activities:

struct Time

{

int hours;

int minutes;

int seconds;

};

1. Write a function that takes in a Time struct and prints it out in the format hh:mm:ss.

Example: if the struct has 12 hours, 3 minutes, and 16 seconds, the output would be 12:03:16.

2. Write a function that takes in two Time structs and returns a Time struct. The function will add the two struct parameters together and return the new time. Make sure you do the addition properly: 60 seconds is a minute, 60 minutes is an hour, and 13 hours becomes 1 hour.

3. Follow the instructions in the shapes.c file to create structs and functions for calculating area.

4. Write a program that simulates a battle by following the steps in the comments of the battle.c file.