

Beginning C for Engineers

HW2

Due: beginning of class 3

1. Write a program which computes the overtime pay of an employee by reading the number of overtime hours and considering the overtime is paid at the rate of \$12.00 per hour for every hour worked. You can assume that employees do not work fo fraction of an hour.

5 pts.

2. Write a program for a matchstick game being played between the computer and a user. Your program should ensure that the computer always wins. Rules for the game are as follows:

- There are 21 matchsticks.
- The computer asks the player to pick 1,2,3,and 4 matchsticks.
- After the person picks the computer does its picking.
- Whoever is forced to pick up the last matchstick loses the game.

5 pts.