

CSI 31 LECTURE NOTES (Ojakian)

Topic 4: Conditional Statements

OUTLINE

(References: Sweigart Ch. 2 - before while-loops!)

1. Boolean (more about)
 2. Conditional Statements
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1. Basic Decision Structures

- (a) if-then
- (b) if-then-else
- (c) if-then-elif...-elif-else
- (d) Give flow-chart picture

2. Useful Terminology

- (a) Condition
- (b) Body

3. Problems

- (a) Write a program that asks a yes/no question and responds accordingly (deal with yes versus Yes versus etc).
- (b) Many companies pay time-and-a-half for any hours worked above 40 in a given week. Write a program to input the number of hours worked and the hourly rate and calculate the total wages for the week.
- (c) Write a program that asks for the user's age and then makes a response which depends on the number.
- (d) Zelle (p.238) exercise 3 - Reading conditional