

Your name: _____

Date: _____

Problem: Lab 4

Problem description:

Given hrs worked & hourly rate,
compute/print reg/overtime hrs,
and compute/print reg/overtime pay

Input name	Description	Data type
hours_worked		double
hourly_rate		double

Output data:	Output form:	Data type:
overtime rate	printed	double
reg hours	"	"
overtime hours	"	"
reg pay	"	"
overtime pay	"	"
gross pay	"	"

Strategy:

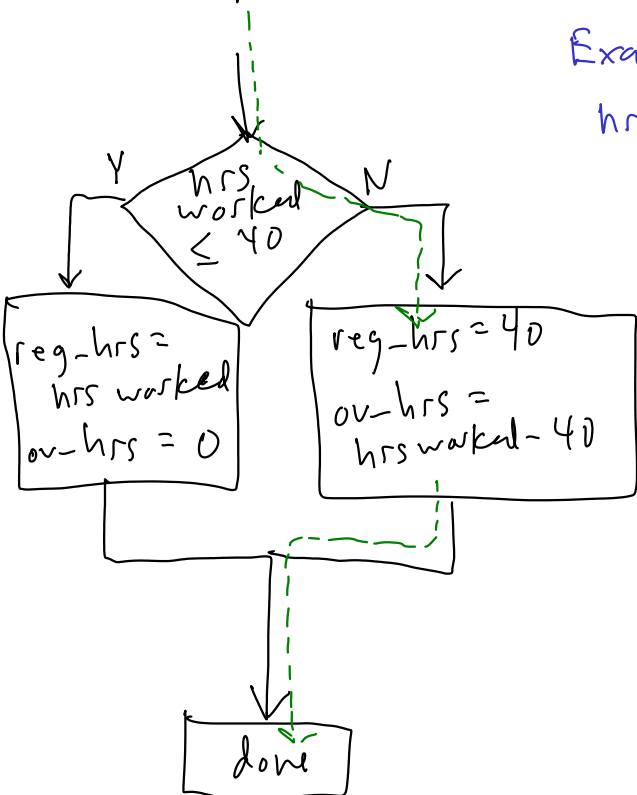
- declare vars for inputs
 - prompt/read input
 - compute overtime rate
 - compute reg hours
 - " overtime hours
 - compute reg pay
 - " overtime pay
 - compute gross pay
- if/else *
- print

Control flow sketch:

compute reg/overtime hours

Example:

hrs worked = 50



reg-hrs = 40
ov-hrs = 10



it worked!

Similar problems:

Pseudo code:

```
if (hrs worked <= 40) {  
  reg hrs is hrs worked,  
  ov hrs is 0  
}  
else {  
  reg hrs is 40  
  ov hrs is hrs worked - 40  
}
```