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IT 140

### Module 3-3: Introduction to Pseudocode and Flowcharts

#### PseudoCode:

```
1 READ hoursWorked from user
2 SET regularRate to 20
3 SET overtimeRate to 30
4 SET regularHours to 0
5 SET overtimeHours to 0
6 SET regularPay to 0
7 SET overtimePay to 0
8
9 IF hoursWorked > 40 THEN
10     SET regularHours to 40
11     SET overtimeHours to hoursWorked - 40
12 ELSE
13     SET regularHours to hoursWorked
14     SET overtimeHours to 0
15 ENDIF
16
17 CALCULATE regularPay as regularHours * regularRate
18 CALCULATE overtimePay as overtimeHours * overtimeRate
19 CALCULATE totalPay as regularPay + overtimePay
20
21 PRINT "Total pay: $" + totalPay
```

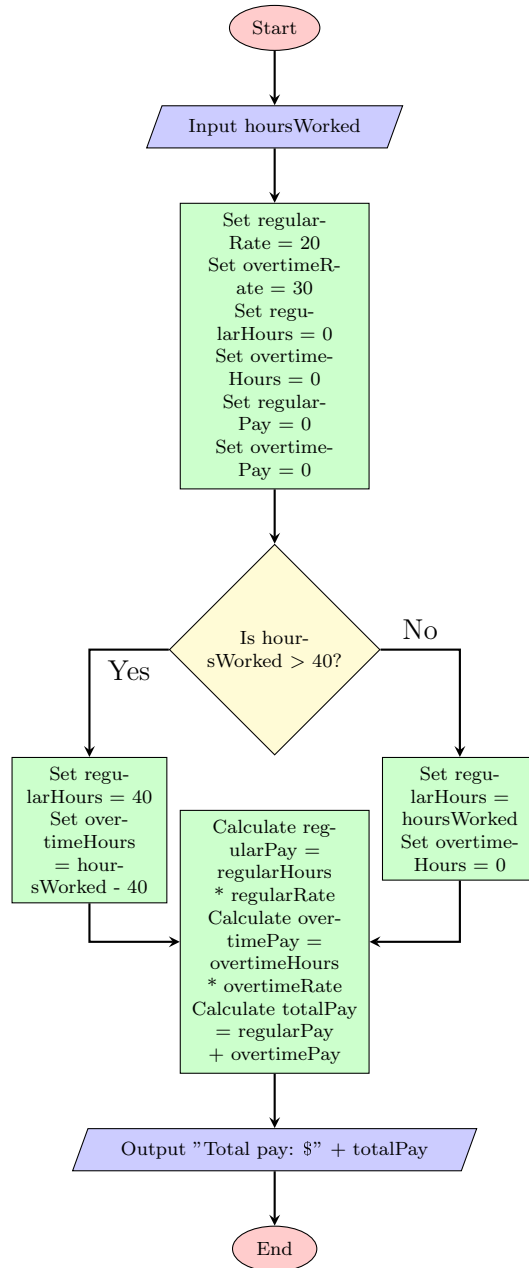


Figure 1: Flowchart for Calculating Total Pay Based on Hours Worked