1. ENTER hours worked

2. SET regular pay and overtime pay BOTH TO 0

3. IF hours worked > 40,

3.1 CALCULATE regular pay TO 40 \* 20

3.2 CALCULATE overtime pay TO (hours worked - 40) \* 30

4. ELSE

4.1 CALCULATE regular pay TO hours worked \* 20.00

5. CALCULATE total pay TO regular pay + overtime pay

6. DISPLAY total pay

