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IT-140

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**Pseudocode**

GET hours an employee worked in one week

IF employee hours are greater than 0

IF employee hours are less than or equal to 40

Multiply employee hours by 20

OUTPUT the calculation

IF employee hours is greater than 40

CALCULATE 800 + (employee hours – 40) \* 30

OUTPUT the calculation

ELSE

OUTPUT “Invalid”

**Flowchart**

Start

Enter *hours*

Output “Invalid”

Output *pay*

*pay = hours* \* 20

YES

YES

NO

NO

Stop

Is *hours* > 0 ?

*pay=*

800 + (*hours* – 40) \* 30

Is *hours* > 40 ?