**IT 140 Module Three Assignment**

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**FLOWCHART**

A diagram of a work flow

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**PSEUDOCODE**

**START CALCULATIONS**

**INPUT** weekly hours worked

**IF** employee weekly hours are less than or equal to 40, then employee hourly rate is equal to $20

**CALCULATE** weekly pay equal to 20 multiplied by weekly hours worked

**ELSE**: overtime pay is equal to 30 multiplied by weekly hours – 40 (standard workweek)

**CALCULATE** weekly pay including overtime equal to overtime pay plus standard 40 weekly pay

**PRINT** Weekly Pay total :$ ( formatted to 2 decimal places)

**END CALCULATIONS**

**CODE**

**A computer screen shot of a program

Description automatically generated**

**A screen shot of a computer

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**A screenshot of a computer

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**FLOWCHART**

A diagram of a work flow

Description automatically generated

**PSEUDOCODE ( For any rate per hour)**

**START CALCULATIONS**

**INPUT** weekly hours worked

**INPUT** rate per hour

# float required representing a decimal

**IF** employee weekly hours are less than or equal to 40, then weekly pay equals rate per hour multiplied by weekly hours worked

**CALCULATE** weekly paycheck equal to employee hourly rate multiplied by employee weekly hours worked

**PRINT** Weekly base pay total :$ in 2 decimal format

**ELSE**: IF the total weekly hours are greater than 40, overtime pay is equal to the rate per hour multiplied by 1.5 multiplied by hours over 40

**CALCULATE** weekly pay including overtime equal to overtime pay plus base pay

**PRINT** Weekly base pay with overtime :$ in 2 decimal format

**END CALCULATIONS**

**CODE**

A computer screen with text and numbers

Description automatically generated

**OUTPUT**

**A screen shot of a computer

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**A screenshot of a computer

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