Cégep de la Gaspésie et des Îles

CAMPUS DE MONTRÉAL

Course: 420-ENM-MT
Teacher: Jonathan Cyr
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Class 02 – ASSIGNMENT 03

FLOWCHARTS

Please draw a logical flowchart for this problem:

- ✓ We need to create a calculator for a ticket system (music show)
- ✓ Children and adults are invited to this show
- ✓ We want to system to calculate the total amount that must be paid for each family.
- ✓ Ticket prices
    - o For an adult: 30$
    - o For a children: 15$
- ✓ There are sales taxes that needs to be calculated for this sale
    - o GST (Goods and services tax): 5%
    - o QST (Quebec sales tax):   9.975%

How the program should interact with the user:

`How many adults?`	`__`	← user inputs the number of adults
`How many kids?`	`__`	← user inputs the number of kids
`Total:`	`_____`	← Software outputs total before tax
`GST:`	`_____`	← Software outputs the GST total
`QST:`	`_____`	← Software outputs the QST total
`Please pay:`	`_____`	← Software outputs the total to be paid