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CIS-165

Program 3 Pseudocode/Flowchart

start

declare family\_id and family\_size as integers

declare income and debt as floating-point numbers

declare constants for living expenses and service fees

EXPENSE1 = 4500.50

EXPENSE2 = 4700.30

EXPENSE3 = 5000.00

FEE1 = 0.01

FEE2 = 0.02

input family\_id, family\_size, income, and debt

calculate predicted family living expenses (see flowchart1)

calculate monthly payment necessary to pay off debt (see flowchart2)

calculate the amount the family should save

savings = family\_size \* 0.02 \* (income – debt)

calculate service fee (see flowchart3)

display appropriate header, family\_id, family\_size, income, debt, expense, pymt, fee

end