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Shopping for food IPO

**Input**

Int weeks – used to store number of weeks to store. Must be between 5 and 50.

Float budget – used to store amount of $ spent on food for that week

Float lowest – used to find the lowest amount spent on food any week

Float highest – used to find the highest amount spent on food any week

int i – used to store counting value used in for loop

char runAgain – used to check if user wants to run program again

**Process**

Prompt user for number of weeks to track. If not between 5 and 50 store, loop menu using do-while loop. Else store input in weeks.

Use for loop that continues until i = weeks. i starts at 1.

While i <= weeks {

While (low == 0), low = budget.

prompt user for the food budget for that week, store in budget.

If low == 0

If budget > 250, output “You are going to get fat.”

If budget < 50.55 output “You are going to starve.”

If budget >= highest, then lowest = budget.

If budget <= lowest, then lowest = budget.

}

**Output**

After the for loop:

Print “The lowest you spent in one week was: $$$ (lowest)”

Print “The highest you spent in one week was: $$$ (highest)”

Ask user if they want to run program again, store in runAgain.

If runAgain = ‘Y’, program loops again. If any other value is entered, program ends.