/*
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Course: CSCI-136
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Assignment: Homework 3.6, e.g., Lab1C

Homework 3.6
*/

Self-Check

Q1:

Complete the second column. Press Enter to submit each entry.

✓GOOD JOB!

Which branch is tested by the input `40000 s` ?	Branch 2	Condition 1 is fulfilled, but condition 2 is not because the input is > 30000.
Which branch is tested by the input `70000 m`?	Branch 4	Both conditions 1 and 3 are not fulfilled, leading to branch 4.
Which branch is tested by the input `30000 s`?	Branch 1	The tested value is at the boundary of condition 2.
Which branch is not tested by any of these test cases?	Branch 3	
Provide a test case for that branch.	30000 m	Any income less than 60000 is a valid answer.
Give a boundary test case for condition 3.	60000 m	60000 is at the boundary between the two branches.

6 correct, 0 errors, 43 seconds

Start over

Q5)

Complete the second column. Press Enter to submit each entry.

✓GOOD JOB!

Question	Answer	Explanation
What outcome is expected for an input of 8.5?	Most structures fall	This is the first branch.
How many branches do you need to test?	5	Look at the flow chart to see the five branches.
Give an example of a boundary test case.	8, 7, 6, 4.5	These four values are at the boundaries of the branches.
What outcome is expected for an input of -1?	unspecified	The specification does not mention this case. It would be good to require an error message for negative inputs.

4 correct, 0 errors, 35 seconds

Start over