

# Challenge

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**Step 1:** create a double variable with a value of 20.00.

**Step 2:** create a second variable of type double with a value 80.00.

**Step 3:** add both numbers together, then multiply by 100.00.

**Step 4:** use the remainder operator, to figure out what the remainder from the result of the operation in step three, and 40.00, will be.

**Step 5:** create a boolean variable that assigns the value `true`, if the remainder in step four is 0.00, or `false` if it's not zero.

**Step 6:** output the boolean variable just to see what the result is.

**Step 7:** write an if-then statement that displays a message, 'got some remainder', if the boolean in step five is not `true`.