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Tracing Through Code, Revisited
To answer questions about what code does, usually useful to trace through its operation.
(Example with recursion — gcd function from homework.)
(Example with loops — power-of-2 sample program.)

"Write Some Code" Questions

 One thing to be clear on is whether you're being asked to write a "complete program" (which will probably prompt the user, get input, and then do something, probably printing some kind of output) or "write a function" (which might not get input or print anything, but if not will likely return a value).

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• General programming tip: When you declare a variable, think about what it represents and give it a name that reflects that. And then try to make sure the value(s) you assign reflect that. If you can't think of a good name, that *might* be a sign that you need to rethink?



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