

# It Doesn't Work!

The code has stopped working with no explanation.  
It doesn't make sense and you cry in frustration.  
Just take a deep breath and use these three suggestions,  
so you will be able to ask the right questions.

## Ask yourself:

- **Why do you need it to work?**  
What is the context? What is the goal?
  - **How do you *show* that it doesn't work?**  
What are the steps to reproduce your problem? How will you know that the problem is resolved?
  - **What *does* work?**  
How far are you from a working state? What similar cases work?
- Then, ask for help, without fear!

## Frequent Problems?

Reconsider your work flow.

- Work on one thing at a time.
- Always be able to quickly run and verify small, simple cases.
- Test often.
- Visualize often.
- Save working states often.
- Plan for reproducibility.
- Make your code visible and useful to others.

Version control (e.g. `git`) is often useful.

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