

How to think like a ProgrammeR

Be curious



Try things out, experiment, check best practices, reach out to the community, don't give up till you're done. Never stop learning.

Adopt a solving problem mindset

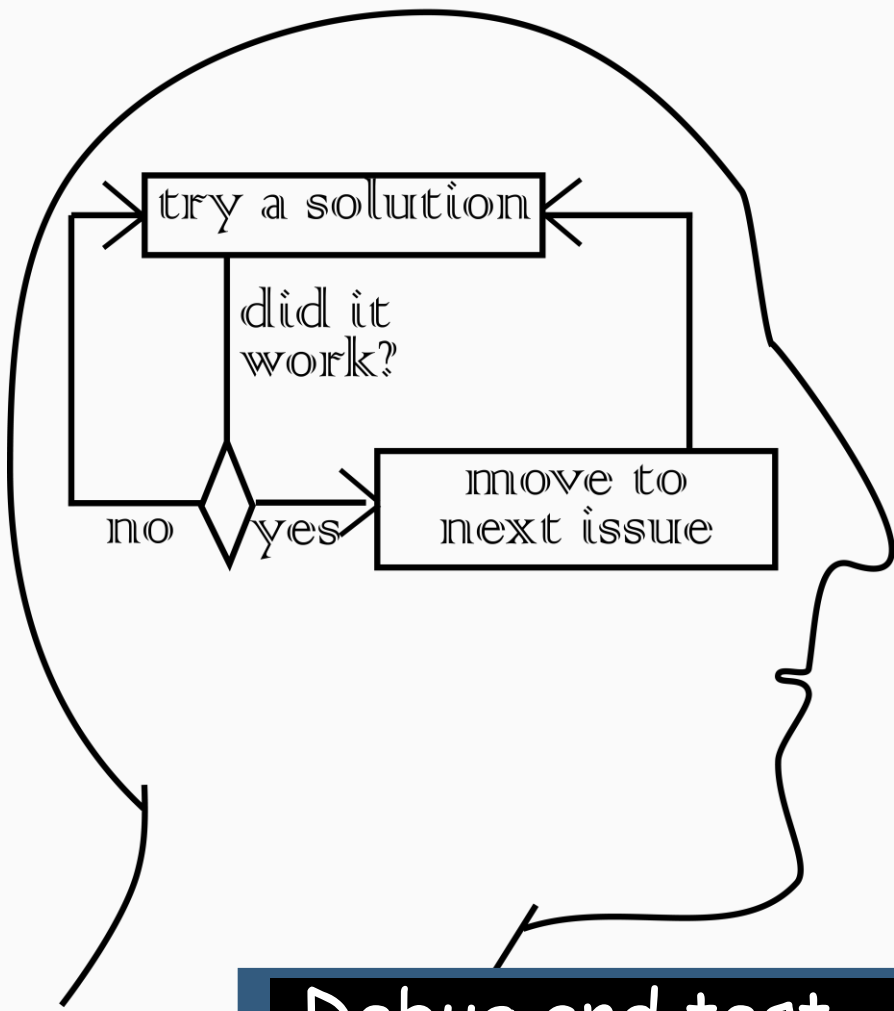


Try not to run away, face the challenge and see opportunities instead. Observe, be inventive but stay rational.

Break the problem down



Always keep an eye on the big picture! Cut the complexity into pieces, solve one bit at a time. Don't hesitate to draw the logical steps and to sketch the user behavior, review the requirements of each chunk in details, something might have been forgotten.



Debug and test and test again



Scan your code line by line, make it robust. Add unit tests, verify different use cases, stress your code and finally give it to someone else to test.



Have fun

Enjoy the new! Failing is part of the game. If you struggle, see it in a positive way, you are filling your competence gaps! Know your limits, because if you take it too hard, you risk to get discouraged, but if it's too easy, you may get bored.



Expect the unexpected

Try to anticipate but more importantly don't be surprised if something unexpected pops up or if the requirements change. Make sure to understand the problem, look at it from different perspectives, take time to review the details with the relevant people.



Follow best practices

Have discipline. Be nice to others and to the future you. Review your code, give some thoughts on how to improve it, if you don't have the time to optimize now, clean at least your formatting and add meaningful comments and TODOs.

Visit our workshop
'Think like a
programmeR'

Register Now!

- Review explicit looping
- Replace your loop with apply family
- Vectorize calculations
- Structure & modularize your code / Write functions
- Introduce conditional executions
- Test
- Debug & Document

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Online