Explain the practice of test-driven development, and critically evaluate this practice. This evaluation can include your own impressions and experiences, and, for the higher grades, references to evidence from the research literature.

What is test driven development

Test driven development cycle

Alternative methods of testing

Benefits

Downsides

<https://www.researchgate.net/publication/264383320_An_experimental_evaluation_of_test_driven_development_vs_test-last_development_with_industry_professionals>

<https://www.ripublication.com/ijaer17/ijaerv12n18_81.pdf> <-- advantages and pitfalls

<https://www.researchgate.net/publication/323193925_Effectiveness_of_Test-Driven_Development_and_Continuous_Integration_A_Case_Study>

<https://ris.utwente.nl/ws/portalfiles/portal/6943854/TCM_IEEEProf_final.pdf>

<https://arxiv.org/ftp/arxiv/papers/1711/1711.05082.pdf>

Reﬂect on your own experiences of using test-driven development, functional programming, and testing tools for this assignment. This should involve considering what went well and what did not, whether you think the reasons for this were due to the nature of the practice/tools or your own approach/familiarity, and whether and how you would use the practice/tools in future.

How using test-driven development went.

What tools I used

Why did it go well, or why did it not go well?