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| CS4218 Milestone 2 |
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**Team 05**

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# Details about TDD process (BF)

* Write test cases for all applications in Basic Functionality (BF), Extended Functionality 1 and Extended (EF1) Functionality 2 (EF2)
* Add more test cases after debugging and the complexity of test cases is keep increasing
* Simple Test Cases
  + Test for basic errors
    - Display error message when there is no arguments for application which requires argument
      * echo, head, tail, sort
    - Display error message when there is argument for application which does not requires argument
      * pwd, date
  + Test for basic feature:
    - Pass test cases to pass basic features of each application
    - Only one argument is given
* Advance Test Case
  + Test cases now contains multiple argument

# Integration Testing

* Test running all the application
  + Calling Application
  + Quoting
  + Semicolon operator
  + Globbing
  + IO-redirection
  + Pipe operator
  + Command substitution
  + Cat
  + Cd
  + Pwd
  + Echo
  + Head
  + Tail
  + Cal
  + Grep
  + Sort
  + Date
  + Sed
  + Wc
* The difficulty and complexity of test cases are keep increasing