# Good Programming Practices Testing and Debugging



# **Testing and Debugging**



### Let's take a code scenario

Expectation



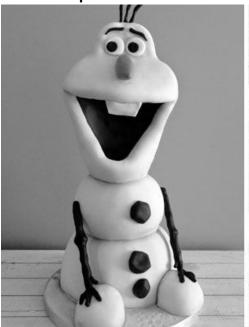
What you want the program to do



## Let's take a code scenario

Expectation

Reality



What you want the program to do



What it actually does

















#### Car Requires Maintenance

Check individual parts for Malfunction







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Take Preventive Measures







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- Check individual parts for Malfunction
  - Testing and debugging

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- Check individual parts for Malfunction
  - Testing and debugging

- Take Preventive Measures
  - Defensive Programming





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# Thank You

