# Exercise: CAM - Part 3

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- **Create a larger CAM Block with at least 2 x 2 cells**
  - Connect to word and match lines and the bit lines
  - Use advanced syntax (busses) to make it nicely compact
  - Best introduce a 'CAM Row' or 'CAM Column' cell.

- **Set up a mixed mode simulation**
  - Write different words
  - Present comparison words and check the match.
    Create a case with a 'hit' and a case without a hit
  - Feed back the match lines to your Digital module and make a comparison of the result in your HDL code