**Chapter 5, Basic OOP Homework solution**

*See Chap\_5\_Basic\_OOP/homework\_solution for solution.*

*The waveform for a 0-delay memory model is below. Actual values for data\_in, address, and order of read are random.*

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*Below is the transcript window. Actual values and order of read are random.*

# 850ns: Read a 0x63

# 950ns: Read a 0x8d

# 1050ns: Read a 0x81

# 1150ns: Read a 0x13d

# 1250ns: Read a 0x10d

# 1350ns: Read a 0x12

# \*\* Error: Assertion error.

# Time: 1450 ns Started: 1450 ns Scope: top.mem\_bus.write\_read\_assert File: mem\_if.sv Line: 30

# 1550ns: Error = 0 and correct = 6