BASYS board vs. NEXYS 2 board

Most of the programs in *Learning By Example Using VHDL – Advanced Digital Design With a NEXYS 2™ FPGA Board* will run on the BASYS board. Of the 54 Examples in this book, the examples that will NOT run on the BASYS board include:

4. **Memory**
   - Example 31 – External RAM
   - Example 32 – External Flash Memory

5. **UART**
   - Example 33 – Transmit Module
   - Example 34 – Receive Module

6. **VGA Controller**
   - Example 39 – External Video RAM
   - Example 40 – External Video Flash

8. **Graphics**
   - Example 43 – Clearing the Screen
   - Example 44 – Plotting a Dot
   - Example 45 – Plotting a Line
   - Example 46 – Plotting a Star
   - Example 47 – Plotting a Circle

(No external RAM on BASYS board)
(No external Flash memory on BASYS board)
(No UART on BASYS board)
(No external RAM on BASYS board)
(No external Flash memory on BASYS board)
(Needs video RAM from Example 39)