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   (No external RAM on BASYS board)
Example 32 – External Flash Memory   (No external Flash memory on BASYS board)
5. UART
Example 33 – Transmit Module   (No UART on BASYS board)
Example 34 – Receive Module
6. VGA Controller
Example 39 – External Video RAM   (No external RAM on BASYS board)
Example 40 – External Video Flash   (No external Flash memory on BASYS board)
8. Graphics
Example 43 – Clearing the Screen   (Needs video RAM from Example 39)
Example 44 – Plotting a Dot
Example 45 – Plotting a Line
Example 46 – Plotting a Star
Example 47 – Plotting a Circle