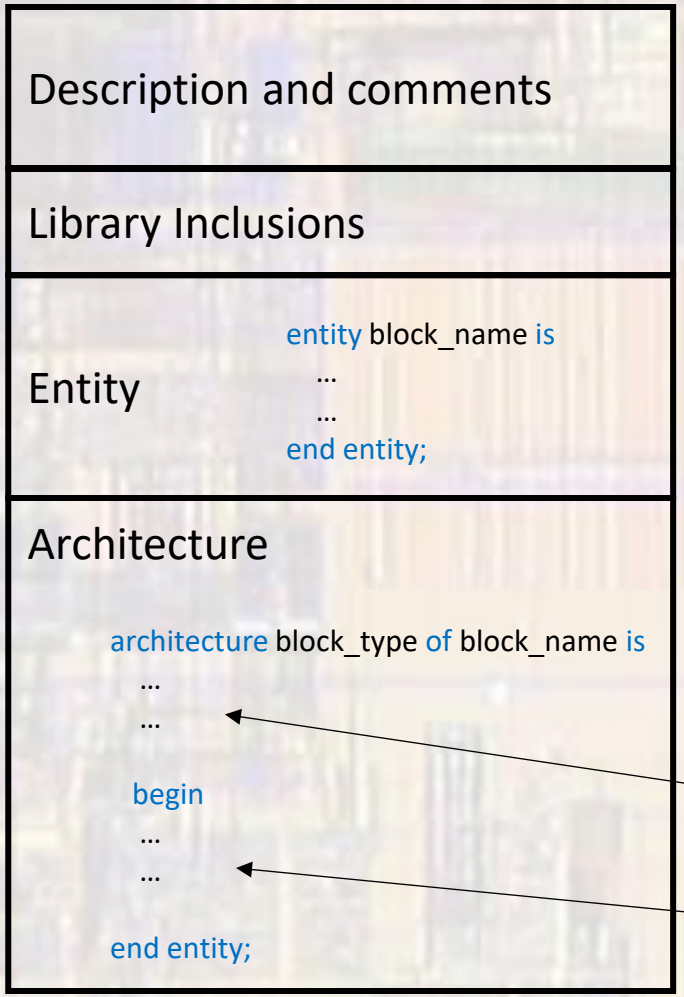
VHDL File Structure

- File Structure

block_name must match the file name



Describes the external view of the block

Input/Output Ports
Parameters (Generics)

Describes the operation of the block

block_type is user defined
Used to describe the kind of VHDL being described
Typical values: behavioral, structural, testbench

Declare constants and signals
Declare any included structural blocks

Describe the desired hardware actions
Describe the interconnect between structural blocks