Bit vectors:

Arrays of bits, a bus, a word...

A(msb) <---> A(lsb)

A(HIGH_VALUE downto LOW_VALUE)

A(15 downto 0) -- A is 16 bits

A(7 downto 3) -- middle 5 bits of A

Concatenation operator: &

```
A(15 downto 0) <= B(7 downto 0) &
                  C(7 downto 0);
```

(wire up groups of bits together)