Oblig 9 – IN3160

Task 1

The result of adding two 16-bit numbers is a 17 bit number.

Task_2

The result of multiplying two 16 bit numbers is a 32-bit number.

Task 3

The result og addinng four 16-bit numbers is an 18-bit number.

Task 4

The result of adding four 16-bit numbers, and then multipling the sum by a 16-bit number is a 34-number.

Task 7

34 flip-flops are used in the *compute* module.

Task 8

70 flip-flops are used in the *compute_pipelined* module.