

ASSIGNMENT - 1

Question no : 1
Group no : 4
Members : Ashrujit Ghoshal (14CS10060)
Sayan Ghosh (14CS10061)

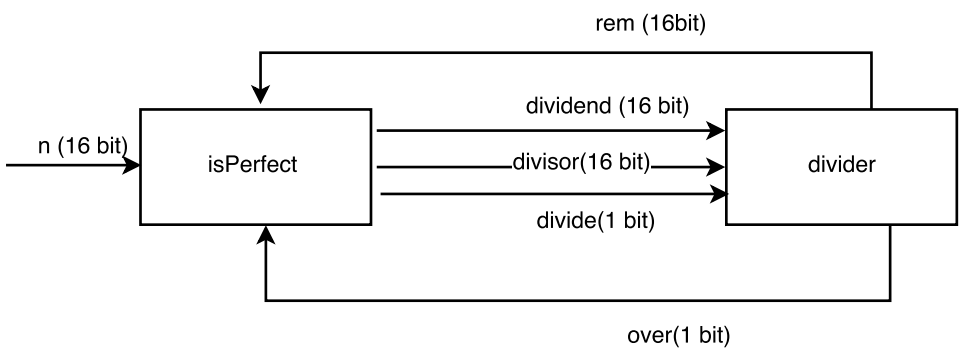
Ports for isPerfect module :

Input : n[15:0] and GO
Output : display and over_main

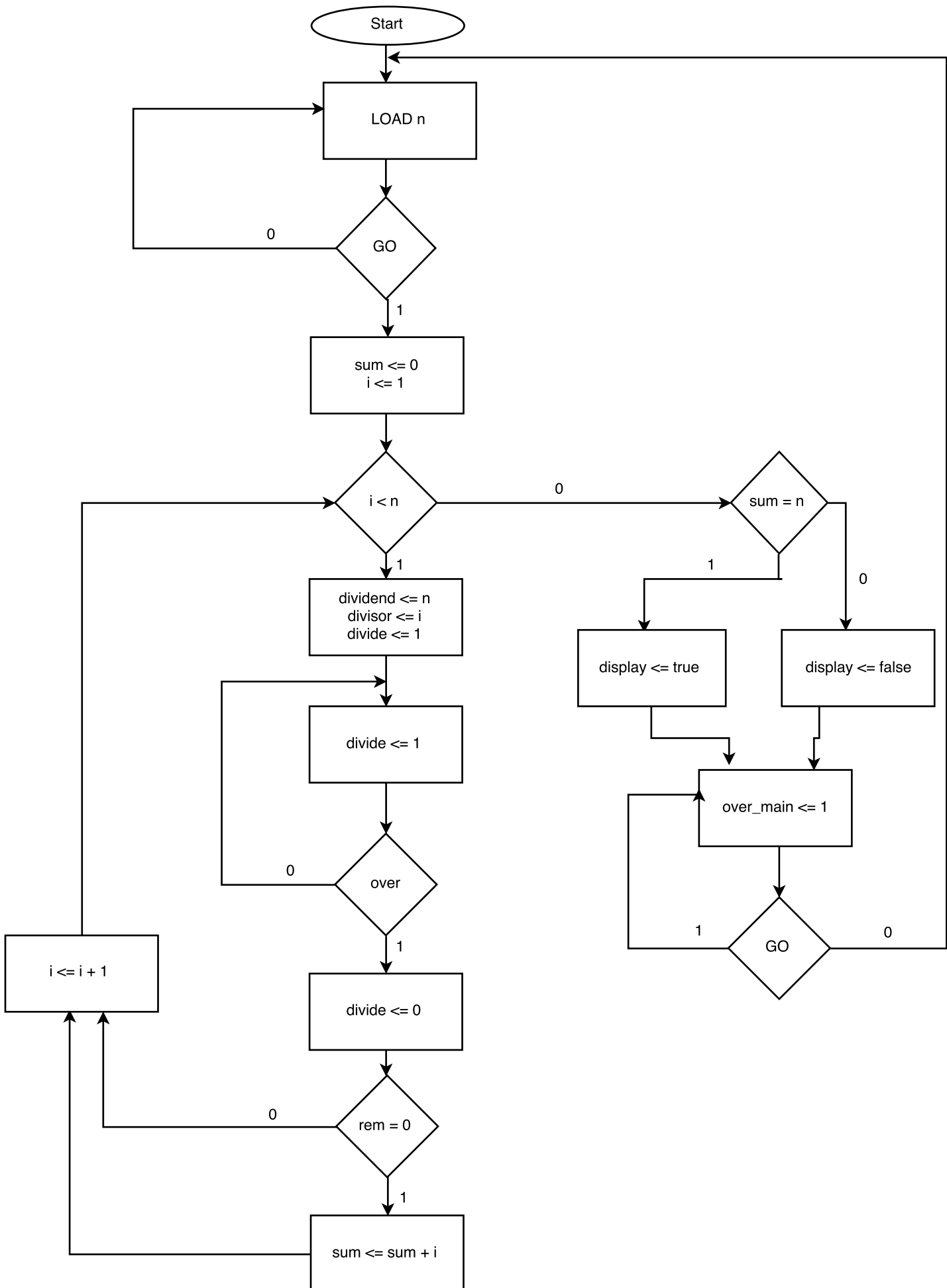
Ports for divide module :

Input : dividend[15:0], divisor[15:0], divide
Output : rem[15:0] and over

Connection between the modules



ASM chart of isPerfect module



ASM chart of divider module

