Instruction Set Of Compiler Instruction pattern:

ADD <first integer> <second integer>

Effect: It will add the first integer with the second integer.

Example: ADD 5 5

Result: 10

Instruction pattern: SUB <first integer> <second integer>

Effect: It will substract the second integer from the first integer.

Example: SUB 10 5

Result: 5

Instruction pattern: MUL <first integer> <second integer>

Effect: It will multiply the first integer with the second integer.

Example: MUL 10 10

Result: 100

Instruction pattern: DIV <first integer> <second integer>

Effect: It will divide the first integer with the second integer and the show the quotient as an integer. Example: DIV 30 10

Result: 3

Instruction pattern: MOD <first integer> <second integer>

Effect: It will the first integer with the second integer and show the remainder as an output.

Example: MOD 13 3

Result: 1

Instruction pattern: GCD <first integer> <second integer>

Effect: It will show the GCD of the two integers as an output.

Example: GCD 6 5

Result: 1

Instruction pattern: LCM <first integer> <second integer>

Effect: It will show the LCM of the two integers as an output.

Example: LCM 6 5

Result: 30