

Write a C program which takes input from command line to check the validity of a programming language construct given below. The input will be provided in a file. The format of the input is as follows:

```
Begin_Header<spaces><Name_HeaderFile><space>End_Header<newline>
Body{<newline>ArithmeticOperation:<space>result<space>=<space>operand_1<space>+<space>op
erand_2;<newline>LogicOperation:<space>Output<space>=<space>input_1<space>&<space>input_
2; <newline>}<newline>Results<newline>Print(result);<newline>Print(result); <newline>}
```

Example:

```
Begin_Header lib.h End_Header
Body{
ArithmeticOperation: result = operand_1 + operand_2;
LogicOperation: Output = input_1 & input_2;
}
Results{
Print(result);
Print(output);
}
```