WEEK-6: Construct YACC code to perform Arithmetic Operations.

Week6.I

```
응 {
    #include "y.tab.h"
응 }
응응
[a-zA-Z_][a-zA-Z_0-9]* return id;
[0-9]+(\.[0-9]*)? return num;
[+/*]
                       return op;
                        return yytext[0];
                       return 0;
\n
응응
int yywrap()
return 1;
Week6.y
%{
 #include<stdio.h>
 int valid=1;
%}
%token num id op
%%
start : id '=' s ';'
```

```
s: id x
   | num x
   | '-' num x
   | '(' s ')' x
x: ops
   | '-' s
%%
int yyerror()
{
  valid=0;
  printf("\nInvalid expression!\n");
  return 0;
```

```
}
int main()
{
  printf("\nEnter the expression:\n");
  yyparse();
  if(valid)
  {
     printf("\nValid expression!\n");
  }
}
      Valid expression!
      Enter the expression: a=b
```

:::