Sub. - SP Group - G1 WAP for calculator. 0:lex code: 501-1 { #include < stdio. h > # include @ " y. fab.h" extern int yylval; 1.3 1.7. [0-9] + { yylval = ato; (4+text); return Number; [14]; [In] return 0; return yytext[o]; 1.1. int yourap () { return !; 3 YACC code; # include (stdio.h) 1. { /int flag=0; 1.5 1. token Number 1. left "+ "-" 1. left 'x' '/' 'y.' 7. left '(' ')'

Name - Ankit Gogal

Roll No- 17103011

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Arthomatic Expression: E {
                printy ("In Result = Y.d In", st);
              return 0;
E: E'+' E { $ = $ 1 + $3;}
IE'-'E { # = $1-$3;}
1E CX'E { $1 = $1 × 43;3
1 E' /'E {$$$ = $1 /$3;3
1 E Y'E Ett = $1 % $3;3
1'(E')' { $ $ = $ 2 : }
1 Number {$$ = $1;}
void main ()
{ prints ("In Enter any Expression");
    yyparse();
   if (flag = = 0)
   printf (" In Expression is valid");
   void yerror ()
     printf (" In Entered aitherestic exp is invalidin");
    flag=1;
```

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