

The Original Program (in finalp1.txt)

```

program s2023;
//This program computes and prints the value
  of a given expression //
var
  // declare variables
  p1 ,      p2q ,      pr      : integer ;
begin
  //initialize variables
  p1          = 33 ;
  p2q =      412 ;
  pr=p1 + p2q;
  display ( pr ); // display pr

  // compute the value of the
    following expression //
  pr = p1 * ( p2q+ 2 * pr)
  display ( "value=",      pr      ) ; // print the value of pr
end.

```