

```
1 {You must put tokens in the symbol table
2 as you are parsing them. Also, there must
3 be appropriate error handling!}
4
5 program example(input,output); {Apparently, program, input
  and output are reserved words}
6   var x,y:integer;
7   n: array [1..20] of integer;
8   hi:= 'Hello, World!':string;
9   q:='q':char;
10  result:=true:boolean;
11  antireresult:=false:boolean;
12  pi:= 3.14159:real;
13  arrayOfChars: array[1..5] of char;
14  function gcd(a,b:integer):integer;
15  begin{gcd}
16      while b<10 do
17      begin{while}
18          if (a>0) then
19              a:=a+1;
20          if (b<>-1) then
21              b:=a*2;
22          if (c>=0) then
23              c:=b-a;
24          if (d<=1000) then
25              d:=a/c mod 2;
26          else
27              e:=-200;
28          end;{while}
29      end;{gcd}
30  begin{example}
31      read(x,y);
32      write(gcd(x,y));
33      write(hi)
34  end.
35  (*
36      This is a bigram comment. It can
37      be on multiple lines.
38  *)
39  {
40      This is a standard curly bracket comment.
41      It also be on multiple lines.
42  }
```