```
%{
  #include<stdio.h>
  #include<string.h>
  char lexema[255];
  void yyerror(char *);
%}

%token VAR
%%
instruccion: instruccion VAR;
instruccion: ;
%%

void yyerror(char *msg){
  printf("error: %s", msg);
}

int yylex(){
  char c;
  while(1){
    c = getchar();
    if(c == '\n') continue;
    if(c == ' ') continue;
    if(isalpha(c)) {
      if(isupper(c)) {
        int i = 0;
        do {
          lexema[i++] = c;
          c = getchar();
        } while(isalnum(c));
        ungetc(c, stdin);
        lexema[i] == 0;
        return VAR;
      }
    }
    return c;
  }
}

int main() {
  if(!yyparse()) printf("cadena valida\n");
  else printf("cadena invalida\n");
  return 0;
}
```

```
┌─[USUARIO@LAPTOP-1D2RDU00 🏠 \Desktop\Compiladores]
└─ ⏱ 13s328ms >_ .\a.exe


    Ab45FEbuy5

^Z
 cadena valida
```

```
  ┌─[USUARIO@LAPTOP-1D2RDU00 🏠 \Desktop\Compiladores]
● └─ ⏱ 14s713ms >_ .\a.exe

   efeww677efg
 error:syntax errorcadena invalida
```

```
  ┌─[USUARIO@LAPTOP-1D2RDU00 🏠 \Desktop\Compiladores]
● └─>_ .\a.exe


    Awrgwerg345345gdf


 ^Z
  cadena valida
```

```
  ┌─[USUARIO@LAPTOP-1D2RDU00 🏠 \Desktop\Compiladores]
● └─ ⏱ 11s406ms >_ .\a.exe
 5hjb7
 error:syntax errorcadena invalida
```

```
  ┌─[USUARIO@LAPTOP-1D2RDU00 🏠 \Desktop\Compiladores]
● └─ ⏱ 9s501ms >_ .\a.exe
 HbrbgRBR453465dhETHRH34tr
 ^Z
  cadena valida
```

Notar que en Windows se debe usar (Ctrl+z+enter) para indicar el fin del programa similar al (EOF) de Linux con (Ctrl+d).

Penadillo Lazares Wenses