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Sample Errors

1. Input:

      var x, y;

        begin
            y = 3;
            x := y + 56;
          end.

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Use = instead of :=.
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

2. Input:

    var x, y;
    begin
        y := (-5 + 4);
        x := y + 56;
    end.

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
The preceding factor cannot begin with this symbol
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

3. Input:

    const;
    var x, y;
    begin
        y 5;
        x := y + 56;
    end.

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
const, int, procedure must be followed by identifier
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

4. Input:

```
var x y;
begin
        y := 5;
        x := y + 56;
end.
```

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Semicolon or comma missing
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

5. Input:

```
var x, y;
begin
        y := 5;
        x := y + 56;
end
```

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Period expected.
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

6. Input:

```
var x, y;
begin
        y := 5
        x := y + 56;
end.
```

Output:

```
Period expected.
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Semicolon between statements missing
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

7. Input:

```
        var x, y;
        begin
                y := 5;
                q := y + 56;
        end.
```

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Undeclared identifier
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

8.

Input:

```
var x, y;
begin
        y + := 5;
```

x := y + 56;
end.

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Assignment operator expected
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

9. Input:

var x, y;
begin
        y := 5;
        x := y + 56;

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Semicolon or } expected
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```

10.

Input:

        var x, y;
        begin
                y := (5 + 4;
                x := y + 56;
        end.

Output:

```
jkatz:ZachAndJonahPL0Compiler jonahkatz$ gcc CompileDriver.c -o main
jkatz:ZachAndJonahPL0Compiler jonahkatz$ ./main -a -v -l
Right parenthesis missing
jkatz:ZachAndJonahPL0Compiler jonahkatz$
```