

Assignment 2

Ans 1:

Lexical structure are the elementary rules for language specification.

Ans 2:

Unicode is the encoding standard for different languages.

Ans 3:

Keywords:

if , for , function

Future reserved keywords:

enum , public, private , protected , interface , package

Ans 4:

Shorthand operators

+=	Addition assignment	x += 4;	x = x + 4;
-=	Subtraction assignment	x -= 4;	x = x - 4;
*=	Multiplication assignment	x *= 4;	x = x * 4;
/=	Division assignment	x /= 4;	x = x / 4;
%=	Remainder assignment	x %= 4;	x = x % 4;

Ans 5:

"use Strict" is a literal expression which tells code should be executed in strict mode.

strict mode means u cannot use undeclared variables.

All modern browsers such as google chrome , mozilla firefox etc use this.

Eg:

```
<!DOCTYPE html>
<html>
<body>
<h2>With "use strict":</h2>
<h3>Using a variable without declaring it, is not allowed.</h3>
<script>
"use strict";
x = 3.14; // This will cause an error (x is not defined).
</script>
</body>
</html>
```