Parsing

Write out an abstract syntax tree (AST) corresponding to each of the expressions or programs. Note that different representations are possible; without a grammar, you can't always know for sure.

Expression	AST
8	
8 + 2	
2 + 8	
1 * 2 + 3	
1 * (2 + 3)	
1 + 2 + 3	

Program	AST
`z = 10;`	
`a = "foo";` `b = 12;`	

`while (x < 10) {`
`   x++;`
`}`	

`if (x >= y) {`
`   z = 5;`
`}`	

`if (true) {`
`   a = 1;`
`} else {`
`   a = 2;`
`}`	

`print("hi");`	