Lexical Analysis Animation
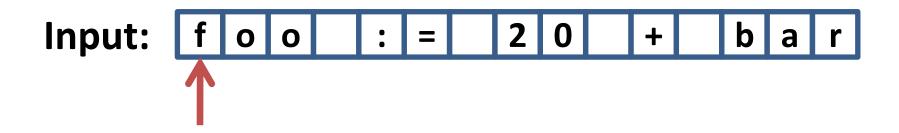
Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output:

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output:

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output:

Lexical Analysis

Input:

f	o	o		:	=		2	0		+		b	a	r

Output:

VAR(foo)

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: VAR(foo)

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN |

Lexical Analysis

Input:

f	o	o		:	=		2	0		+		b	a	r

Output:

VAR(foo)	ASSIGN

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN |

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN |

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN | NUM(20) |

Lexical Analysis

Input:

| f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output:

| VAR(foo) | ASSIGN | NUM(20) | PLUS |

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN | NUM(20) | PLUS |

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN | NUM(20) | PLUS |

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN | NUM(20) | PLUS |

Lexical Analysis

Input:

f	o	o		:	=		2	0		+		b	a	r

Output:

VAR(foo)	ASSIGN	NUM(20)	PLUS

Lexical Analysis

Input: | f | o | o | | : | = | | 2 | 0 | | + | | b | a | r |

Output: | VAR(foo) | ASSIGN | NUM(20) | PLUS | VAR(bar) |