Lab 2A Output:

```
Lexeme          Token
int             (KEYWORD)
main            (IDENTIFIER)
(               (LPAREN)
;               (SEMICOLON)
x               (IDENTIFIER)
=               (EQUALS)
4               (NUMBER)
+               (PLUS)
5               (NUMBER)
;               (SEMICOLON)
y               (IDENTIFIER)
=               (EQUALS)
6               (NUMBER)
*               (MULTIPLY)
7               (NUMBER)
;               (SEMICOLON)
return          (KEYWORD)
0               (NUMBER)
;               (SEMICOLON)
}               (RBRACE)
```

Lab 2B Output:

Lexeme	Token
int	keyword
main	keyword
(	lparen
)	rparen
{	lbrace
int	keyword
x	identifier
,	comma
y	identifier
;	semicolon
float	keyword
test_z	identifier
=	operator
100	number
;	semicolon
int	keyword
course_num	identifier
=	operator
3342	number
;	semicolon
x	identifier
=	operator
4	number
+	operator
5	number
;	semicolon
y	identifier
=	operator
6	number
*	operator
7	number
;	semicolon
return	keyword
0	number
;	semicolon
}	rbrace