Assignment 1 I/O File

1) assign-1_test-1_invalid.c

```
PES1UG21CS426 >bison -dy lab1.y
PES1UG21CS426 >flex lab1.l
PES1UG21CS426 >gcc lex.yy.c y.tab.c
PES1UG21CS426 >a.exe<assign-1_test-1_invalid.c
Error :syntax error at 10
variable a_4 not declared
Error :a_4 at 13
Error :syntax error at 15
variable a_3 not declared
Error :a_3 at 18
Error :syntax error at 19
variable a_6 not declared
Error :a_6 at 23
Error :syntax error at 24
Error :syntax error at 31
variable a_3 not declared
Error :a_3 at 34
Error :syntax error at 40
         size
                            lineno scope
Name
                                                value
                   type
         4
                             10
a_4
                             36
                                                7321101
```

2) assign-1_test-2_invalid.c

```
PES1UG21CS426 >bison -dy lab1.y
PES1UG21CS426 >flex lab1.l
PES1UG21CS426 >gcc lex.yy.c y.tab.c
PES1UG21CS426 >a.exe<assign-1_test-2_invalid.c
Error :syntax error at 9
Error :syntax error at 14
Error :syntax error at 15
Error :syntax error at 28
variable a_3 not declared
Error :a_3 at 38
Error :syntax error at 41
Name
        size
                 type
                         lineno
                                 scope
                                          value
        4
                 2
                         14
                                 1
        4
                 2
b
                                 1
                         13
        4
                 2
                                 1
                         13
a_4
        4
                 2
                         40
                                 0
                                          2014717257
```

3) assignment-1_nested_do_while_valid.c

```
PES1UG21CS426 >bison -dy lab1.y
PES1UG21CS426 >flex lab1.l
PES1UG21CS426 >gcc lex.yy.c y.tab.c
lineno
                               value
Name
      size
            type
                         scope
      4
                  14
                               5
            2
                         1
      4
                  7
            2
                         1
                               b
            2
      4
                         3
                  13
                               56211
```

4) assignment-1_nested_for_valid.c

PES1UG21CS426 >a.exe <assignment-1_nested_for_valid.c< th=""></assignment-1_nested_for_valid.c<>							
size	type	lineno	scope	value			
4	2	7	1	8			
4	2	14	1	100			
5	1	6	1	~			
4	2	9	1	0			
4	2	11	2	10			
4	2	13	3	8			
	size 4 4 5 4	size type 4 2 4 2 5 1 4 2 4 2	size type lineno 4 2 7 4 2 14 5 1 6 4 2 9 4 2 11	size type lineno scope 4 2 7 1 4 2 14 1 5 1 6 1 4 2 9 1 4 2 11 2			

5) assignment-1_simple_do_while_valid.c

```
PES1UG21CS426 >a.exe<assignment-1_simple_do_while_valid.c
                          lineno
                 type
                                  scope
Name
        size
                                           value
                          8
        4
                 2
                                   1
                                           5
a
                 2
        4
                          7
                                   1
b
                                           b
```

6) assignment-1_simple_for_valid.c

PES1UG21CS426 >a.exe <assignment-1_simple_for_valid.c< th=""></assignment-1_simple_for_valid.c<>						
Name	size	type	lineno	scope	value	
a	4	2	7	1	8	
b	4	2	8	1	b	
С	5	1	6	1	~	
i	4	2	9	1	0	