

Assignment 2  
LAB 5 - AST

1) Input1.c

```
PES1U21CS426 >bison -dy parser.y  
PES1U21CS426 >flex lexer.l  
PES1U21CS426 >gcc lex.yy.c y.tab.c  
PES1U21CS426 >a.exe< input1.c  
if >abseq = a + a1 = b - b1  
Valid syntax
```

2) Input2.c

```
PES1U21CS426 >a.exe< input2.c  
seq if >abseq = a + a1 = b - b1else seq = a - a1 = b - b1  
Valid syntax
```

3) Input3.c

```
PES1U21CS426 >a.exe< input3.c  
seq if >abseq = a + a1 = b - b1else seq = a - a1seq = b - b1seq if <b0 = b + b1else = b0  
Valid syntax
```

4) Input4.c

```
PES1U21CS426 >a.exe< input4.c  
seq while >abdo = a + a1  
Valid syntax
```

5) Input5.c

```
PES1U21CS426 >a.exe< input5.c  
seq while >abdo seq = a + a1if >cd = c + c1  
Valid syntax
```