

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Compiler Lab – UCS 1602

Programming Assignment-6 - Implementation of Syntax checker using Lex and Yacc Tools

Develop a Syntax checker to recognize the following statements by writing suitable grammars

Assignment statement

Conditional statement

Looping statement

Declaration statement

INPUT

```
int i, a;  
i = 0;  
a=5;  
while (i < 10)  
{  
    if (i<a)  
        i = i + 1;  
    else  
        i = i - 1;  
}
```

Output

Syntactically correct