## CSE 310 (Compiler Sessional), L-3, T-1, CSE Sections: **B1**

Online 1 (Syntax and Semantic Analysis)
Total Marks: 20 Time: 30 Mins

Modify your Syntax and Semantic Analyzer so that  $\rightarrow$  It parses the loop . . . while :

The syntax for a loop  $\dots$  while is  $\rightarrow$ 

```
loop {
      // body of do-while loop
} while (condition);
```

## Sample i/o:

## input.c:

```
int main() {
    int i,j;
    i = 0;
    loop {
        i = i+1;
        j = i*3;
        j = i/3;
        j = i%3;
    } while (i<10);
}</pre>
```

## parsetree.txt:

Will contain the parse tree without any error.