

Modify your Syntax and Semantic Analyzer so that →

It parses the loop ... while :

The syntax for a loop ... while is →

```
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);  
}
```

parsetree.txt:

Will contain the parse tree without any error.