

Level1 of Tiny C:

- a) Program consists of only one function main()
- b) Keywords : int, print
- c) Data types : int
- d) Identifiers : starts with letter followed by one or more digits or underscore
- e) The statements allowed are declaration statement, assignment statement, print statement
- f) Print syntax: print identifier

Example:

```
int main(){  
  
    int a;  
    a=30;  
    print a;  
  
}
```

```
<program> := <return_type><identifier>() { <statements> }  
<return_type> := int  
<statements> := <statement>; <statements> | <statement>;  
<statement> := <declaration_stmt> | <assignment_stmt> | <print_stmt>  
<declaration_stmt> := <type> <list_of_variables>  
<list_of_variables> := <identifier> , <list_of_variables> | <identifier>  
<assignment_stmt> := <identifier> = <identifier> | <identifier> = <constant>  
<print_stmt>      := print <identifier>  
<type>            := int
```

<identifier> rule is similar to C

<constant> integer constant rule is similar to C