**Design a lexical Analyzer for given language should ignore the redundant spaces, tabs and new lines and ignore comments using C**

**CODE:**

#include <stdio.h>

#include <ctype.h>

void lexicalAnalyzer(const char \*input) {

while (\*input) {

if (isspace(\*input)) { input++; continue; }

if (\*input == '/' && (\*(input + 1) == '/' || \*(input + 1) == '\*')) break;

putchar(\*input++);

}

printf("\n");

}

int main() {

char input[200];

printf("Enter a line: ");

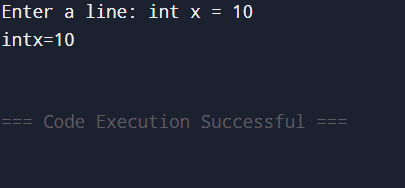
fgets(input, sizeof(input), stdin);

lexicalAnalyzer(input);

return 0;

}

**OUTPUT:**

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