**PROGRAM 4:-**

#include <stdio.h>

#define MAX\_LENGTH 1024 // Maximum input size

int main() {

char input[MAX\_LENGTH];

int whitespaceCount = 0, newlineCount = 0;

printf("Enter the input (Press Ctrl+D or Enter twice to finish):\n");

// Read input character by character

int ch, prev = 0;

while ((ch = getchar()) != EOF) {

if (ch == ' ' || ch == '\t') {

whitespaceCount++;

} else if (ch == '\n') {

newlineCount++;

if (prev == '\n') { // Stop reading when Enter is pressed twice

break;

}

}

prev = ch;

}

printf("Total whitespace characters: %d\n", whitespaceCount);

printf("Total newline characters: %d\n", newlineCount);

return 0;

}

**OUTPUT:-**

