PROGRAM :-

#include <stdio.h>

int main() {

const char \*input = "This is a sample input.\nIt contains multiple lines.\n\nAnd some whitespace.";

int whitespace\_count = 0;

int newline\_count = 0;

for (const char \*ptr = input; \*ptr != '\0'; ptr++) {

if (\*ptr == ' ') {

whitespace\_count++;

} else if (\*ptr == '\n') {

newline\_count++;

}

}

printf("Number of whitespaces: %d\n", whitespace\_count);

printf("Number of newline characters: %d\n", newline\_count);

return 0;

}

OUTPUT:-

