```c
#include <stdio.h>
int main() {
    char str[1000];
    int words = 0, newline = 0, characters = 0;
    printf("Enter input (end with ~):\n");
    scanf("%[^~]", str);
    for (int i = 0; str[i] != '\0'; i++) {
        if (str[i] == ' ') {
            words++;
        }
        else if (str[i] == '\n') {
            newline++;
            words++;
        }
        else {
            characters++;
        }
    }
    if (characters > 0) {
        words++;
        newline++;
    }
    printf("\nTotal number of words : %d\n", words);
    printf("Total number of lines : %d\n", newline);
    printf("Total number of characters : %d\n", characters);
    return 0;
}
```

```
Enter input (end with ~):
void main()
{
int a;
int b;
a = b + c;
c = d * e;
}
~



Total number of words : 19
Total number of lines : 8
Total number of characters : 34



=== Code Execution Successful ===
```