**OUTPUT**

2)

Multi comment: /\*

test comment

\*/

Single comment: //oneline cmnt

Preprocessor directive: #include<stdio.h>

Keyword: int

Identifier: main

Punctuator: (

Punctuator: )

Punctuator: {

Keyword: int

Identifier: i

Punctuator: ;

Keyword: for

Punctuator: (

Identifier: i

Assignment Op: =

Integers: 1

Punctuator: ;

Identifier: i

Relational Op: <=

Integers: 10

Punctuator: ;

Identifier: i

Arithmetic Op: ++

Punctuator: )

Punctuator: {

Keyword: if

Punctuator: (

Identifier: i

Arithmetic Op: %

Integers: 2

Relational Op: ==

Integers: 0

Punctuator: )

Identifier: printf

Punctuator: (

String Literal: "%d is even"

, Identifier: i

Punctuator: )

Punctuator: ;

Punctuator: }

Punctuator: }

3)

hello world

Lines = 1

Words = 2

Chars = 12

4)

Input:

abC12Abcabc

Output:

abC12AbcABC

5)

Input:

computer

Output:

Vowels = 3

Consonants = 5