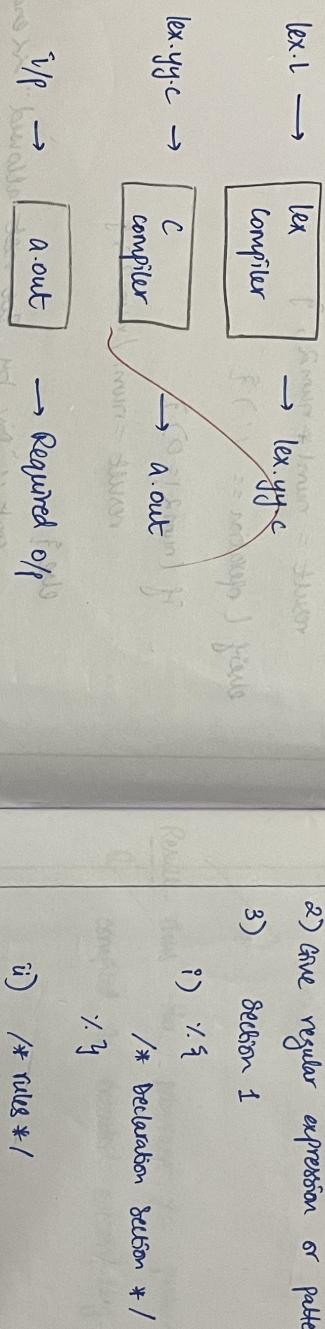


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INSTALLATION PROCEDURE

- Go to EnvWin32 → download the full setup
- Install flex worry .exe file
- Copy the path of flex & add it in the environment variable



i/p → a.out → Required o/p

i) /* rules */

/* */

List of pattern and action

/* */

ii) C-code

```
int main() {  
    ...  
}
```

Program:-

```

/*  
 * Declaration */  
  

/*  
 * Condition  
 */  
  

/*  
 * Input / Output  
 */  
  

/*  
 * Main Function  
 */  
  

/*  
 * Driver Function  
 */  
  

/*  
 * Function  
 */

```

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EXPERIMENT-2a.

FLEX SIMPLE PROGRAM

Aim:- Write a program for the pattern, single lower case character. Number, keyword, emails using Flex Tool.

Algorithm:-

- 1) Install Flex Tool
- 2) Give regular expression or pattern for input lines.
- 3) Section 1

i) /*

/* Declaration section */

/*

/*

/* Rules */

/* */

List of pattern and action

/* */

ii) C-code

```
int main() {  
    ...  
}
```

Output - unter ständig Khaugatting x31)

single lower case letter

۱۴۵

khanat123@gmail.com

email ID

9/12 (V)

```
    \.y.:
    [a-3 0-9] {3,10} @ [a-3 0-9_-] + . {print("email\n");}
```

```
wrap() {  
    man() {  
        printf("Enter song");  
        yyllex();  
    }  
    return 0;  
}
```

Result - Thus the program for pattern **wow flex** has been compiled or executed successfully.

Output -

1234

string

end

number of lines = 2 , number of chars = 10

↓↓↓
newline

↓↓↓
newline

↓↓↓
newline

and so on till end of program will count - lines

pressing return is helpful

%%

\n + no-of-lines;

+ no.of-chars;

end

return 0;

%%

int ywrap();
int main(int argc, char *argv)

{

ywrap();

printf ("number of lines = %d, number of chars = %d\n",
no-of-lines, no-of-chars);

return 0;

}

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EXPERIMENT-2b.

FLEX PROGRAM

Aim - To write a program to count numbers of characters & lines using flex tool.

Code -

```
%{  
int no-of-lines=0;  
int no-of-chars=0;  
%}
```

Result - Thus, the flex program to count the number of characters & lines using flex tool has been successfully executed.