

Ex. No18

Reverse a String using Command Line Argument

Aim:

To write a C program to reverse a string using command line argument.

Algorithm:

- 1) Start the program.
- 2) In main function add two parameters integer 'argc' and character '*argv[]' to get the command line values.
- 3) Declare an integer variable 'i'.
- 4) For 'i' equal to 0 to 'argc' do the following
 - a). Display the reverse of the string in 'argv[i]' using "string reverse" function.
- 5) Stop the program.

Executing the program

1. Compile and run the program to generate "exe" file.
2. Go to DOS prompt and locate the "exe" file of the compiled program.
3. Type the program name followed by the string to be reversed.

Program:

```
#include<stdio.h>
#include<conio.h>
#include<string.h>

void main(int argc, char *argv[])
{
    int i;
    clrscr();
    for(i=0;i<argc; i++)
        printf("\n%s",strrev(argv[i]));
    getch();
}
```

Result:

Thus the C program to reverse a string using command line argument is executed successfully.