

~~5, 7, 9, 12, 21, 22, 26, 30, 41, 47, 49, 60,  
63 - 66, 70, 75, 76, 81~~

## command line arguments

↳ Not going to take.

~~1, 4, 39, 5, 49, 79, 47, 85, 33, 15, 78, 80, 60,  
61, 46, 45, 54, 48, 56, 27, 62, 47, 46, 36, 14, 24, 71, 45,  
32, 18~~

cmdarg → are the values given after the name of the program in the command-line shell of OS.

↳ handled by main() function of c Program.

### Structure

main with 2 arguments.

int main (int argc, char \*argv[])

{  
}  
argc - integer variable → no. of cmd arg passed by the user including name of the program.

if we pass } 2 - arguments.  
a value }

argc → non-negative.

argv - arg. vector  $\rightarrow$  is an array of char pointers. listing all the arguments.

argv[0]  $\rightarrow$  name of the

argv[1] program

argv[argc-1]  $\rightarrow$  arguments <sup>cmd</sup>.

(pointers to strings).

int main (int argc, char \* argv[])

{

printf ("you have entered %s arguments : \n", argc);

for (int i=0; i< argc; i++)

printf ("%s\n", argv[i]);

}

return 0;

};

from terminal:

$\rightarrow$  controlling program from outside.

c:\Users\DELL\Desktop> Demo.exe

\$ g++ mainreturn.cpp -o main

\$ ./main

geeks for geeks

O/P:

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./main

geeks

for geeks.