* Object Oriented Programming (OOP) - Practical Number 9

Name :- Kaustubh Shrikant Kabra.
Class :- Second Year Engineering
Div :- A Roll Number :-
Batch :-
Department :- Computer Department
College :- AISSMS's IOIT.

Title :-
Program demonstrates command Line argument.

Objective :-
1) To learn and understand concepts of command line argument.
2) To demonstrates implementation of conramnd line argument.

Problem Statement :-
Write a program in C++ for command Line argument.

Outcomes :-
1) Student will be able to learn and understand command line argument.
2) Student will be able to implement command line argument.

Hardware requirement :-
Any CPU with Pentium processor, 256 MB RAM or more, 1GB Hard Drive or more.
Software requirement :- 64 bit linux / Windows Operating System, G++ compiler.

Theory:-

Command Line Argument:-

Command line arguments are given after the name of the program in command-line shell of Operating System.

To pass command line argument, we typically define main() with two arguments : first argument is the number of command line argument and second is list of command line argument.

```
int main(int argc, char *argv[]){/*...*/}
```

Properties:-

1. They are passed to main() function.
2. They are parameters/arguments supplied to the program when it is invoked.
3. argv[argc] is a Null pointer
4. argv[0] holds the name of the program.
5. argv[1] points to the first command line argument and argv[n] points last argument.

Conclusion:-

We have learned and stued the implementation of Command Line Argument.