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Problem definition :-

Objective :-

S/w requirements :-

Theory :-

\$ -/a.out asg1 asg2 asgn
arguments are stored

```

nel
'-a/out'
asgnl
:
asgn N

```

The arguments on the stack are stored in little endian form. i.e. If the arg is

"12345678"

\log

The commands perform the following operations

- 1) TYPE - Format - TYPE filename
Displays contents of filename
- 2) DELETE - Format - DELETE filename
Deletes filename
- 3) COPY - copy src dst
Copies contents from SRC to DST

Algorithm:

The commands are detected based on the first character in 'T', 'D', 'C'

TYPE -

- 1) Open file using open syscall
- 2) Read contents of file into buffers
- 3) Display buffer to screen.

COPY -

- 1) Open file using open syscall
- 2) Read contents of file into buffer
- 3) Create file using open & fcreat syscall.
- 4) Write contents of buffer to new file
- 5) Close new file.

Delete -

Delete file named filename using delete syscall.

Conclusion :-

Thus using the concept of command line arguments & DOS commands, we were able to create to execute program to replicate TYPE, COPY, DELETE commands.