**xargs vs exec:**

>> Below is one major difference between xargs and exec:

find . -name "\*.c" -exec ls -al {} \; executes the command ls -al on each individual file.

find . -name "\*.c" | xargs ls -al constructs an argument list from the output of the find command and passes it to ls.

consider the below produced output of the find command:

a.c

b.c

c.c

the first command(exec) would execute

ls -l a.c

ls -l b.c

ls -l c.c

but the second (xargs) would execute

ls -l a.c b.c c.c