

- These exce() family of functions replaces current process image with a new process image.
- They are responsible to run a new process with the same existing PID.

```
int execl(const char *pathname, const char *arg, ...);
int execlp(const char *filename, const char *arg, ...);
int execv(const char *pathname, char *const argv[]);
int execvp(const char *filename, char *const argv[]);
```

•None of the above returns on success; all return -1 on error

• Most of the exec() functions expect a pathname as the specification of the new program to be loaded. However, execlp() and execvp() allow the program to be specified using just a filename.

```
Ex:execl("/bin/ls", "ls", "-l", "-a", (char *)NULL);
    execlp("ls", "ls", "-l", "-a", (char *)NULL);
char *arg[]={"/bin/ls", "-l", "-a", NULL};
    execv(arg[0], arg);
char *arg[]={"ls", "-l", "-a", NULL};
    execvp(arg[0], arg);
```