Princeton University
COS 217: Introduction to Programming Systems
The `exec` Linux System-Level Functions

System Call	Searches PATH (p)?	Accepts Vector (v)?	Accepts Environment (e)?

int **execl** (const char *path,
    const char *arg0,
    ...,
    const char *argn,
    char * /*NULL*/);
	No	No	No

int **execv** (const char *path, char *const argv[]);	No	Yes	No

int **execle**(const char *path,
    const char *arg0,
    ...,
    const char *argn,
    char * /*NULL*/,
    char *const envp[]);
	No	No	Yes

int **execve**(const char *path,
    char *const argv[],
    char *const envp[]);
	No	Yes	Yes

int **execlp**(const char *file,
    const char *arg0,
    ...,
    const char *argn,
    char * /*NULL*/);
	Yes	No	No

int **execvp**(const char *file, char *const argv[]);	Yes	Yes	No