



Function Overview:

- Function Name: `find_in_path()`
- File Name: `path.c`

• External Caller:

- `handle_command()` calls `find_in_path()` to check if a command exists and is executable

• Parameters:

- command from the `args` array which may be a full path to a command eg `"/bin/ls"` or just a command name `"ls"`

• Function Purpose:

- to determine the full executable path of the passed command
- if the command parameter includes a `"/"`:
 - the function checks if the given command path exists and is executable
- if the command parameter does not include a `"/"`:
 - a full path to the command is constructed by appending a `"/"` and the passed command name to each directory in the environment variable `PATH`
 - the function then checks if each constructed full path exists and is executable

• Function Return:

- a duplicated string of the full path to the command if it is found and is executable
- otherwise returns NULL