Question 2: check if process exists

1.Listed in the code.We use system call 'kill' command and pass the process id and 0 as parameters.
3 possible results:
- EPERM=exists but we have no permission.
- ESRCH=doesn't exist.
- Process exists.

Pros and cons of method number 1:
pros:The kill method is safe if and only if the process youre testing for is your child process.
Cons:There is a possiblity that target process has exited and in the meantime anoter process with the same pid has been started.or the process may end very quickly and a desicion on outdated inforamtion may occur.

2.manually check if process with this id exists: run 'top' command in the shell and locate the desired process by id.
Pros and cons of method number 2:
pros:no room for mistake-all available process running on the system prestented on the screen+no need for root acceses to run command.
Cons:clumsy method which may take sometime if there are many processes running on the system.

3.open terminal and manually run the command kill -0 $pid.
Pros and cons of method number 3:
pros:very easy to apply. Open the terminal and run command upon desired id of a process.
Cons:The same cons as in method 1+ suppose the user needs to check many process if they exist or not, thus there will be a lot of manual and clumsy work.