

1. What takes place when a process is reaped?
2. Which process is reaped when `wait(NULL)` is executed?
3. What happens when `wait(NULL)` is executed and there are no process to reap?
4. How can you tell whether a child process generated a seg fault?
5. If a process finished abnormally, could you trust the value returned by `WEXITSTATUS(status)`?
6. When an `exec*` system call is executed, what will happen to the stack and heap of the process?
7. Why an `exec*` system call may fail?
8. Rewrite `wait(&status)` using `waitpid()`.
9. Implement a program where the parent creates two children. One child will execute the "cal" command and the other the "date" command. The parent will print "done" once both children have finished.
10. Modify the previous program so you ask the user which month to print. An integer value after cal defines the month to display.