

Lab 0: Getting Acquainted with XINU

Problem 3.1

What happens after `nulluser()` returns is that the `halt()` function is called which results in an infinite loop

In Xinu, a process is created by calling the `create` function and passing in the appropriate arguments. The `create` function sets up the process and then leaves the process ready to run, but suspended. The `create` function returns the process id of the new process which is then passed as an argument to the `resume` call which starts the “suspended” process.

In Linux, `fork` is called which duplicates the process and creates a child process. The child process will run along with the parent process. Then the child process will call the `execvp` and replace the current process image with a new process image.

Problem 3.2

I believe there's nothing to write for this problem (all in the code)

Bonus Problem

So I added a simple command called “`addtwonums`” which basically does what the name implies and adds the two arguments you pass in along with the command ie:

```
xsh $ addtwonums 1 2
```

```
The sum of the two numbers is: 3
```

```
xsh $
```