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Eval Function:

For the eval function I used a fork and exeve function in order to create the child process.

Builtin_cmd Function.

For this function I made it so it would check if the given command is one of the four built-in commands, then if true, it would execute the action for the corresponding command.

Do_bgfg Function:

For this function I made it so it would handle the two functions "bg" and "fg". It takes in an argument, either a job ID or a process. It finds the corresponding job then sends it a SIGCONT signal to the job's process group to resume and then moves the job to the foreground or background depending on the command.

Waitfg Function:

For this function it was just a simple wait function used to block and wait for the process to no longer be a foreground process.

Sigchld_handler Function:

For this function I use waitpid to reap the terminated child process then update the joblist to remove terminated jobs.