

Halloween heist

The captain needs to find a foolproof way to secure his safe after Jake broke into it during the Halloween heist.

Help captain by making a password-protected lock mechanism. The password could be any one combination of 4 digit numbers. Consider the lock to be a servo motor. If the password is correct, let the shaft of the servo motor turn 40degrees. If the password is wrong, the shaft should turn 180degrees, along with a buzzer making a tone of your choice. Use TinkerCAD for simulating the same.

For your submission, share the link to the TinkerCAD circuit design.