```
                    ┌──────────────┐
                   (    Begin       )
                    └──────┬───────┘
                           │
                    ┌──────▼───────┐
                    │ Input Password│
                    └──────┬───────┘
                           │
                     ◇ Is Password ◇
                     ◇ Longer than 8 ◇──No──▶ ┌──────────────┐
                     ◇ Characters?  ◇         │ Return False │
                           │                  └──────────────┘
                          Yes
                    ┌──────▼───────┐
                    │ Return True  │
                    └──────┬───────┘
                           │
                  ◇ Does the Password ◇
                  ◇ Contain Capital  ◇──No──▶ ┌──────────────┐
                  ◇ Characters>      ◇        │ Return False │
                           │                  └──────────────┘
                          Yes
                    ┌──────▼───────┐
                    │ Return True  │
                    └──────┬───────┘
                          Yes
                  ◇ Does the Password ◇
                  ◇ Contain Lower Case◇──No──▶ ┌──────────────┐
                  ◇ Characters?      ◇         │ Return False │
                           │                   └──────────────┘
                    ┌──────▼───────┐
                    │ Return True  │
                    └──────┬───────┘
                          Yes
                  ◇ Does the Password ◇
                  ◇ Contain Numerical◇──No──▶ ┌──────────────┐
                  ◇ Characters?      ◇        │ Return False │
                           │                  └──────────────┘
                          Yes
                    ┌──────▼───────┐
                    │ Return True  │
                    └──────┬───────┘
                           │
```

- Begin
- Input Password
- Is Password Longer than 8 Characters? — No → Return False
- Yes
- Return True
- Does the Password Contain Capital Characters> — No → Return False
- Yes
- Return True
- Yes
- Does the Password Contain Lower Case Characters? — No → Return False
- Return True
- Yes
- Does the Password Contain Numerical Characters? — No → Return False
- Yes
- Return True

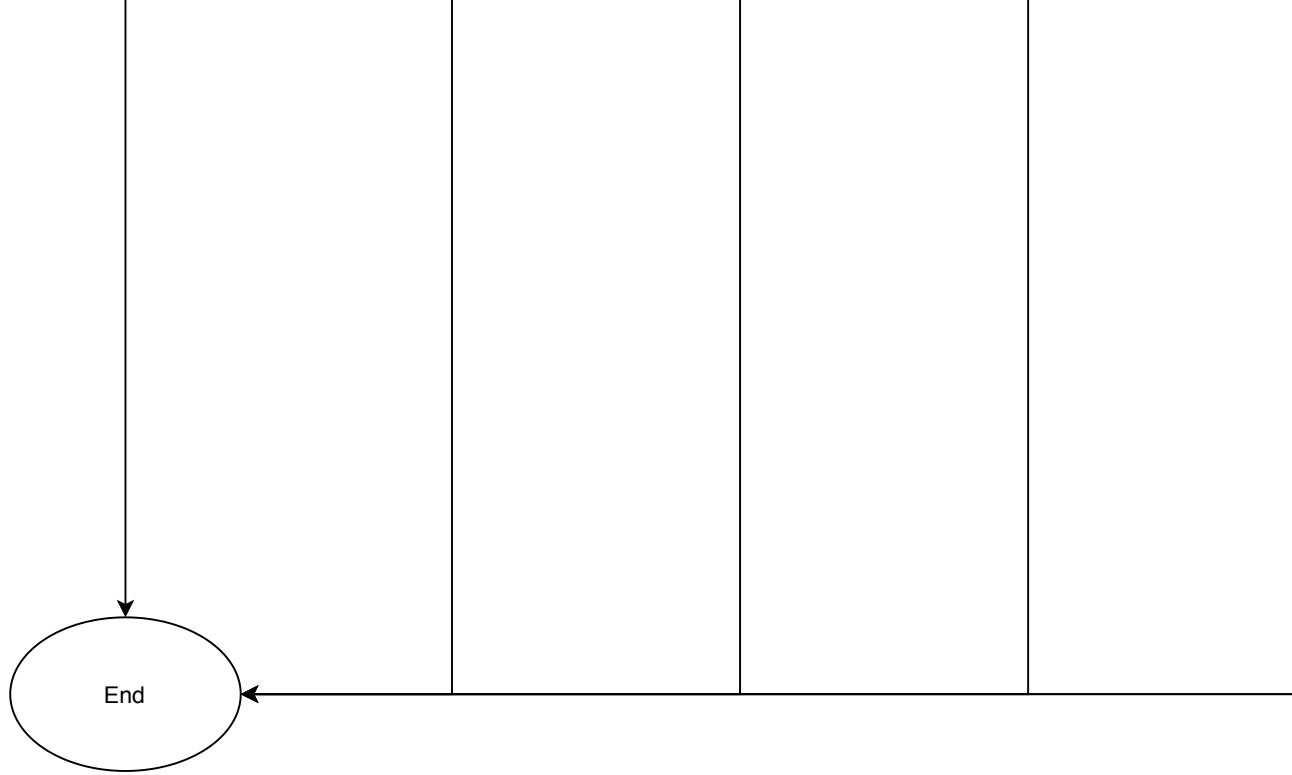| Have all the checks returned True?	Did the password length check return False?	Did the Capital Letters Check return False?	Did the Capital Letters Check return False?	Did the numbers c... Fal...
Yes	No ▶	No ▶	No ▶	No ▶
Output "PASSED"	Yes → Output "FAILED LENGTH CHECK"	Yes → Output "FAILED LENGTH CHECK"	Yes → Output "FAILED LENGTH CHECK"	Y... Output "... LENGTH...

numerical
heck return
se?

es

"FAILED
CHECK"

End

No