**Exp No:** **Password Generator**

**Date:**

**AIM:**

**ALGORITHM:**

1. Collect the user's first name.
2. Collect the user's last name.
3. Collect the user's date of birth (in the format DD/MM/YYYY).
4. Extract the initials from the first and last name.
5. Extract parts of the date of birth (day, month, year).
6. Combine the initials with parts of the date of birth.
7. Add some random special characters or numbers to secure the password.
8. Optionally, shuffle the characters in the password to increase randomness.
9. Display the generated password.

**PROGRAM:**

def generate\_simple\_password(first\_name, last\_name, dob):

initials = first\_name[0].upper() + last\_name[0].upper()

day, month, year = dob.split('/')

special\_chars = "@#"

password = initials + day + month + year[-2:] + special\_chars

return password

first\_name = input("Enter your first name: ")

last\_name = input("Enter your last name: ")

dob = input("Enter your date of birth (DD/MM/YYYY): ")

password = generate\_simple\_password(first\_name, last\_name, dob)

print("\nGenerated Password:", password)

**RESULT:**

**OUTPUT:**

