

Exp No:

Password Generator

Date:

AIM:

ALGORITHM:

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

```
Enter your first name: Kamaal  
Enter your last name: Ismaeel  
Enter your date of birth (DD/MM/YYYY): 10/01/2006
```

```
Generated Password: KI1001@#06
```

```
Kamaal Ismaeel K I  
2300 7160 1072
```