

Password Generator Program (Student Level)

```
import random
```

```
import string
```

```
print("--- PASSWORD GENERATOR ---")
```

```
# User input for password length
```

```
length = int(input("Enter the desired password  
length: "))
```

```
# Characters to choose from
```

```
characters = string.ascii_letters + string.digits +  
string.punctuation
```

```
# Generate password
```

```
password = "".join(random.choice(characters)  
for _ in range(length))
```

```
# Display password
```

```
print(f"Generated Password: {password}")
```