

#RANDOM PASSWORD GENERATOR

```
import random
import string
```

```
length = int(input("How many characters should the password have? "))
```

```
use_letters = input("Do you want letters? (yes/no): ")
use_numbers = input("Do you want numbers? (yes/no): ")
use_symbols = input("Do you want symbols? (yes/no): ")
```

```
characters = ""
```

```
if use_letters:
    characters += string.ascii_letters
if use_numbers:
    characters += string.digits
if use_symbols:
    characters += string.punctuation
```

```
if characters == "":
    print("You must choose at least one option (letters, numbers, or symbols).")
else:
```

```
    password = ""
    for i in range(length):
        password += random.choice(characters)
```

```
    print("\nHere is your password:", password)
```

How many characters should the password have? 10

Do you want letters? (yes/no): yes

Do you want numbers? (yes/no): yes

Do you want symbols? (yes/no): yes

Here is your password: 9))p;<L9t'

Process finished with exit code 0