```python
import random
letters=['a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u']
numbers=['0','1','2','3','4','5','6','7','8','9']
symbols=['!','@','#','$','%','^','&','*']
print("Welcome to password generator")
n_letters=int(input("How many letters you want in your password?\n"))
n_symbols=int(input("How many symbols you want in your password?\n"))
n_numbers=int(input("How many numbers you want in your password?\n"))
password_list=[]
for i in range(1,n_letters+1):
    char=random.choice(letters)
    password_list+=char
for i in range(1,n_symbols+1):
    char=random.choice(numbers)
    password_list+=char
for i in range(1,n_numbers+1):
```

In [*]:
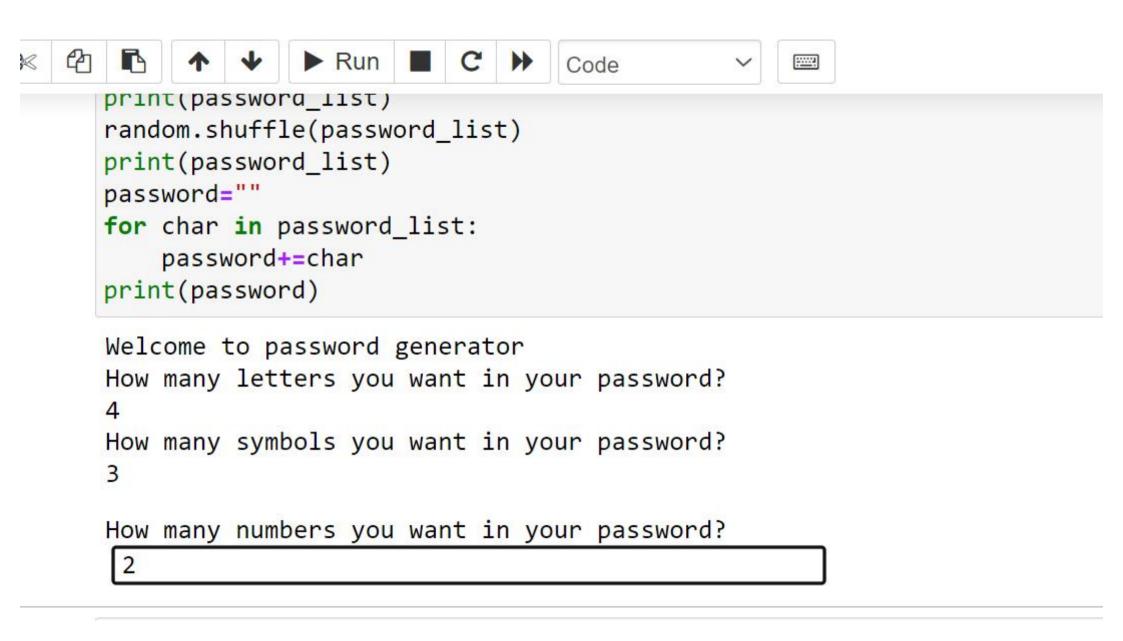
ENG 09:23

```
        password_list+=char
for i in range(1,n_symbols+1):
    char=random.choice(numbers)
    password_list+=char
for i in range(1,n_numbers+1):
    char=random.choice(numbers)
    password_list+=char
print(password_list)
random.shuffle(password_list)
print(password_list)
password=""
for char in password_list:
    password+=char
print(password)
```

Welcome to password generator

```
print(password)
```

Welcome to password generator

How many letters you want in your password?

```
|
```

In [ ]:

```
print(password_list)
random.shuffle(password_list)
print(password_list)
password=""
for char in password_list:
    password+=char
print(password)
```

Welcome to password generator
How many letters you want in your password?
4

How many symbols you want in your password?
3

In [ ]:

```
print(password_list)
random.shuffle(password_list)
print(password_list)
password=""
for char in password_list:
    password+=char
print(password)
```

Welcome to password generator
How many letters you want in your password?
4
How many symbols you want in your password?
3

How many numbers you want in your password?
2

```
        password+=char
print(password)
```

Welcome to password generator
How many letters you want in your password?
4
How many symbols you want in your password?
3
How many numbers you want in your password?
2
['t', 'd', 's', 'o', '9', '3', '1', '4', '4']
['4', '9', 'd', '1', '3', 't', 'o', 's', '4']
49d13tos4

In [ ]: