```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","v","w","x","y","z"]
numbers=["1","2","3","4","5","6","7","8","9","10"]
symbols=["!","@","#","$","%","^","&","(",")"]
print("Welcome to pwd generator!")
n_letters=int(input("enter how many letters u want in ur pwd: "))
n_numbers=int(input("enter how many numbers u want in ur pwd: "))
n_symbols=int(input("enter how many symbols u want in ur pwd: "))
pwd=""
for i in range(1,n_letters+1):
    char=random.choice(letters)
    pwd=pwd+char
for i in range(1,n_numbers+1):
    char=random.choice(numbers)
    pwd=pwd+char
for i in range(1,n_symbols+1):
    char=random.choice(symbols)
    pwd=pwd+char
print(pwd)
```

```
Welcome to pwd generator!
enter how many letters u want in ur pwd: 2
enter how many numbers u want in ur pwd: 3
enter how many symbols u want in ur pwd: 4
jf333(^()
```

In [6]:
```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","v","w","x","y","z"]
numbers=["1","2","3","4","5","6","7","8","9","10"]
symbols=["!","@","#","$","%","^","&","(",")"]
print("Welcome to pwd generator!")
n_letters=int(input("enter how many letters u want in ur pwd: "))
n_numbers=int(input("enter how many numbers u want in ur pwd: "))
n_symbols=int(input("enter how many symbols u want in ur pwd: "))
pwd_list=[]
for i in range(1,n_letters+1):
    char=random.choice(letters)
    pwd_list+=char
for i in range(1,n_numbers+1):
    char=random.choice(numbers)
    pwd_list+=char
for i in range(1,n_symbols+1):
    char=random.choice(symbols)
    pwd_list+=char
print(pwd_list)
random.shuffle(pwd_list)
print(pwd_list)
pwd=""
for char in pwd_list:
    pwd+=char
print(pwd)
```

```
Welcome to pwd generator!
enter how many letters u want in ur pwd: 4
enter how many numbers u want in ur pwd: 3
enter how many symbols u want in ur pwd: 2
['m', 'k', 'i', 'l', '4', '9', '2', '%', '$']
['$', '2', 'k', 'l', 'm', '9', 'i', '%', '4']
$2klm9i%4
```