```python
import re
def check_password(password):
    if len(password)< 8:
        return "weak"
    if not re.search("[A-Z]",
        password):
        return "weak"
    if not re.search("[a-z]",
        password):
        return "weak"
    if not re.search("[0-9]",
        password):
        return "weak"
    if re.search("_@$]", password):
        return "okay"
    if re.search(".*[A-Z].*[A-Z]
        .*[A-Z]", password):
        return "strong"
    if re.search(".*[a-z].*[a-z]
        .*[a-z]", password):
        return "strong"
    if re.search(".*[0-9].*[0-9]
        .*[0-9]", password):
        return "strong"
    return "okay"
passwords = ["short". "Password1!".
```
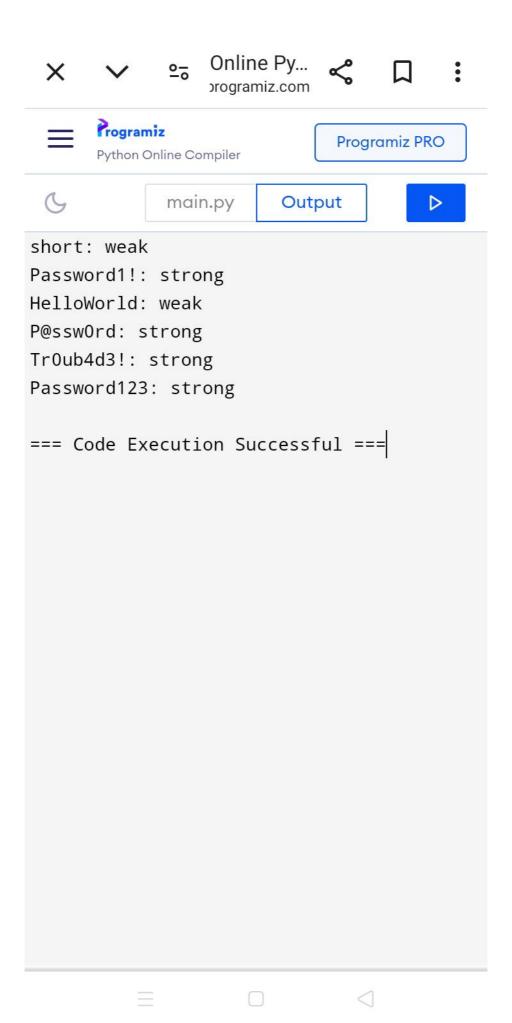
Run

```
20  passwords = ["short", "Password1!",
        "HelloWorld", "P@ssw0rd",
        "Tr0ub4d3!","Password123"]
21  for password in passwords:
22      print(f"{password}:
        {check_password(password)}")
```

Run

Programiz
Python Online Compiler

Programiz PRO

☾ | main.py | Output | ▷

```
short: weak
Password1!: strong
HelloWorld: weak
P@ssw0rd: strong
Tr0ub4d3!: strong
Password123: strong

=== Code Execution Successful ===
```

```
short: weak
Password1!: strong
HelloWorld: weak
P@ssw0rd: strong
Tr0ub4d3!: strong
Password123: strong

=== Code Execution Successful ===
```