Screenshot Code:

```
C: > Users > irine > OneDrive > Desktop > 🐍 python_tutorial.py > ...
  1
  2    password = "1534"
  3
  4    possible_digits = ['1', '2', '3', '4', '5']
  5
  6
  7    for i in possible_digits:
  8        for j in possible_digits:
  9            for k in possible_digits:
 10                for l in possible_digits:
 11
 12                    guess = i + j + k + l
 13
 14                    print(f"Trying: {guess}")
 15
 16                    if guess == password:
 17                        print(f"Password found: {password}")
 18
 19                        exit()
```

Written Code:

```
password = "1534"

possible_digits = ['1', '2', '3', '4', '5']

for i in possible_digits:
    for j in possible_digits:
        for k in possible_digits:
            for l in possible_digits:

                guess = i + j + k + l

                print(f"Trying: {guess}")

                if guess == password:
                    print(f"Password found: {password}")

                    exit()
```

Output:

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS    SEARCH ERROR

Trying: 1351
Trying: 1352
Trying: 1353
Trying: 1354
Trying: 1355
Trying: 1411
Trying: 1412
Trying: 1413
Trying: 1414
Trying: 1415
Trying: 1421
Trying: 1422
Trying: 1423
Trying: 1424
Trying: 1425
Trying: 1431
Trying: 1432
Trying: 1433
Trying: 1434
Trying: 1435
Trying: 1441
Trying: 1442
Trying: 1443
Trying: 1444
Trying: 1445
Trying: 1451
Trying: 1452
Trying: 1453
Trying: 1454
Trying: 1455
Trying: 1511
Trying: 1512
Trying: 1513
Trying: 1514
Trying: 1515
Trying: 1521
Trying: 1522
Trying: 1523
Trying: 1524
Trying: 1525
Trying: 1531
Trying: 1532
Trying: 1533
Trying: 1534
Password found: 1534
PS C:\xampp\htdocs\E-Portfolio>
```