

Exercise 1

Entrée [1]:

```
names = ['mark', 'victor', 'benjamin', 'zevouloun', 'Patrick', 'Abraham']
matching_names = []

if 'mark' in names:
    print('hello mark')

for name in names:
    if 'p' in name.lower() or 'v' in name.lower():
        matching_names.append(name)

print(matching_names)
```

```
hello mark
['victor', 'zevouloun', 'Patrick']
```

Exercise 2

Entrée [6]:

```
items = ['rock', 'paper', 'scissors']
menu = 'Pick a element: \n(0):Rock\n(1):Paper\n(2):Scissors\n'
user1 = int(input(menu))
user2 = int(input(menu))
users_choice = [user1, user2]
user1_wins = [[0,2], [1,0], [2,1]]

if users_choice in user1_wins:
    print('user1 won the game')
elif user1 == user2:
    print("tie game")
else:
    print("user2 won the game")
```

```
Pick a element:
(0):Rock
(1):Paper
(2):Scissors
0
Pick a element:
(0):Rock
(1):Paper
(2):Scissors
1
user2 won the game
```

Exercise 3

Entrée [*]:

```
username = input('username ?')
password = input('password ?')

while True:
    check_username = input('username ?')
    check_password = input('password ?')
    if check_username == username and check_password == password:
        print('logged in')
        break
```

```
username ?theo
password ?1
username ?theo
password ?1
logged in
```

```
username ? 
```

Entrée []: