

Conditional Statement

SHUTCHON PREMCHAISAWATT

เนื้อหา

1. Flowchart
2. If Statement

Flowchart



เริ่ม, จบ



พินพ์



การประกาศตัวแปร
การคำนวณ



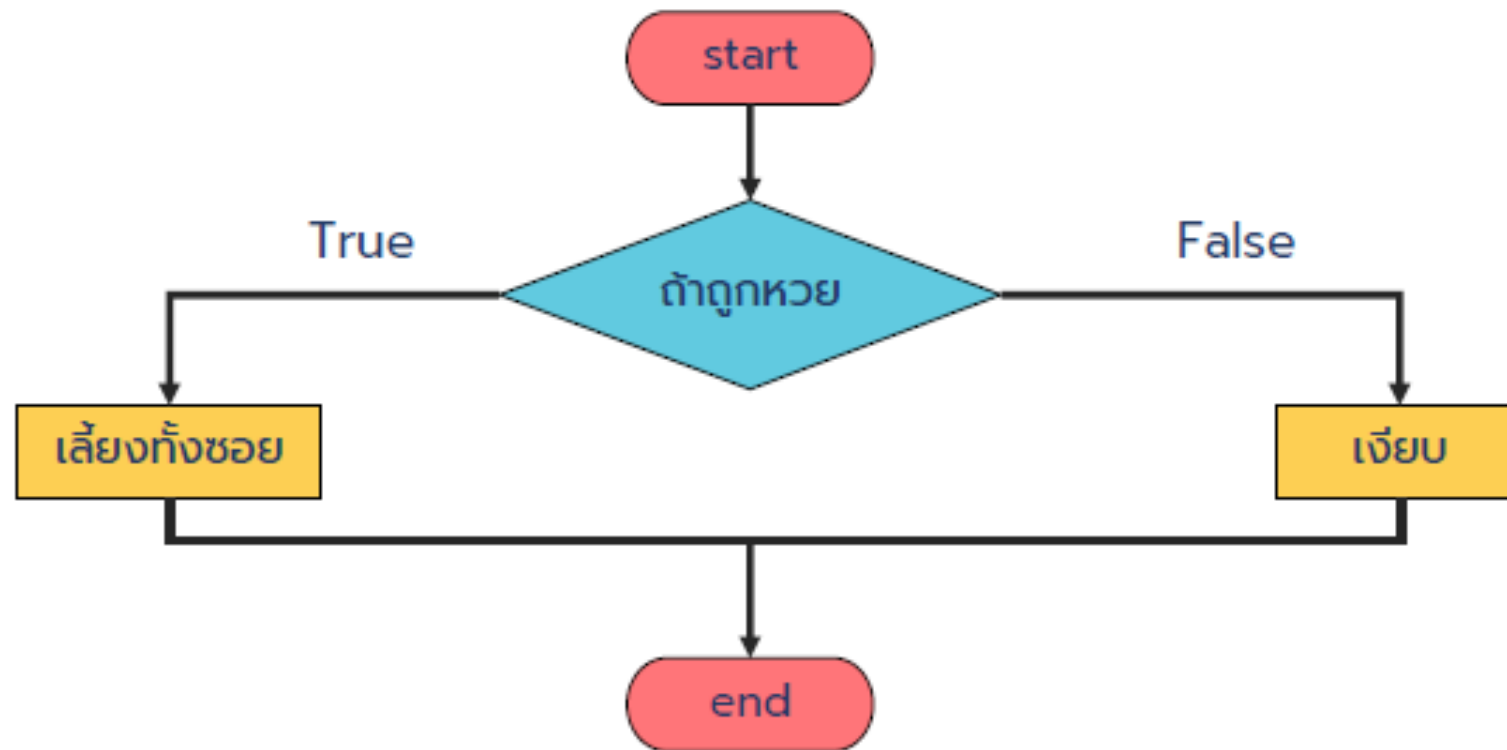
เงื่อนไข
(if-else)



รับอินพุต

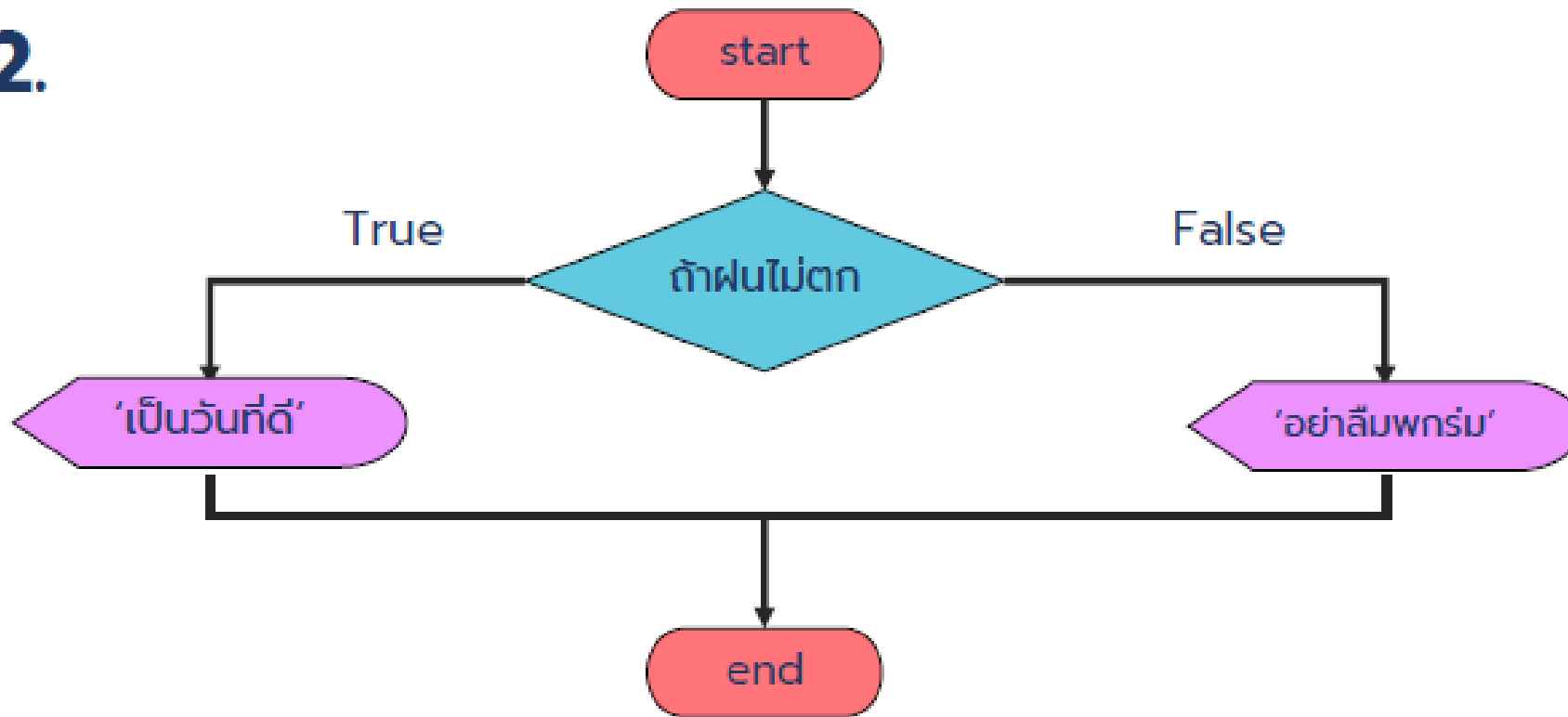
Flowchart

Ex 1.



Flowchart

Ex 2.



เนื้อหา

~~1. Flowchart~~ เชื่อม

2. If Statement

If – Else Statement

1. if
2. if-else
3. if-elif
4. if-elif-else

1. if

In [1]: ▶

```
1 name = input('Please insert your name: ')
2 print()
3 if name == 'John':
4     print('Hi John')
5 print('Nice to meet you')
```

Please insert your name: John

Hi John

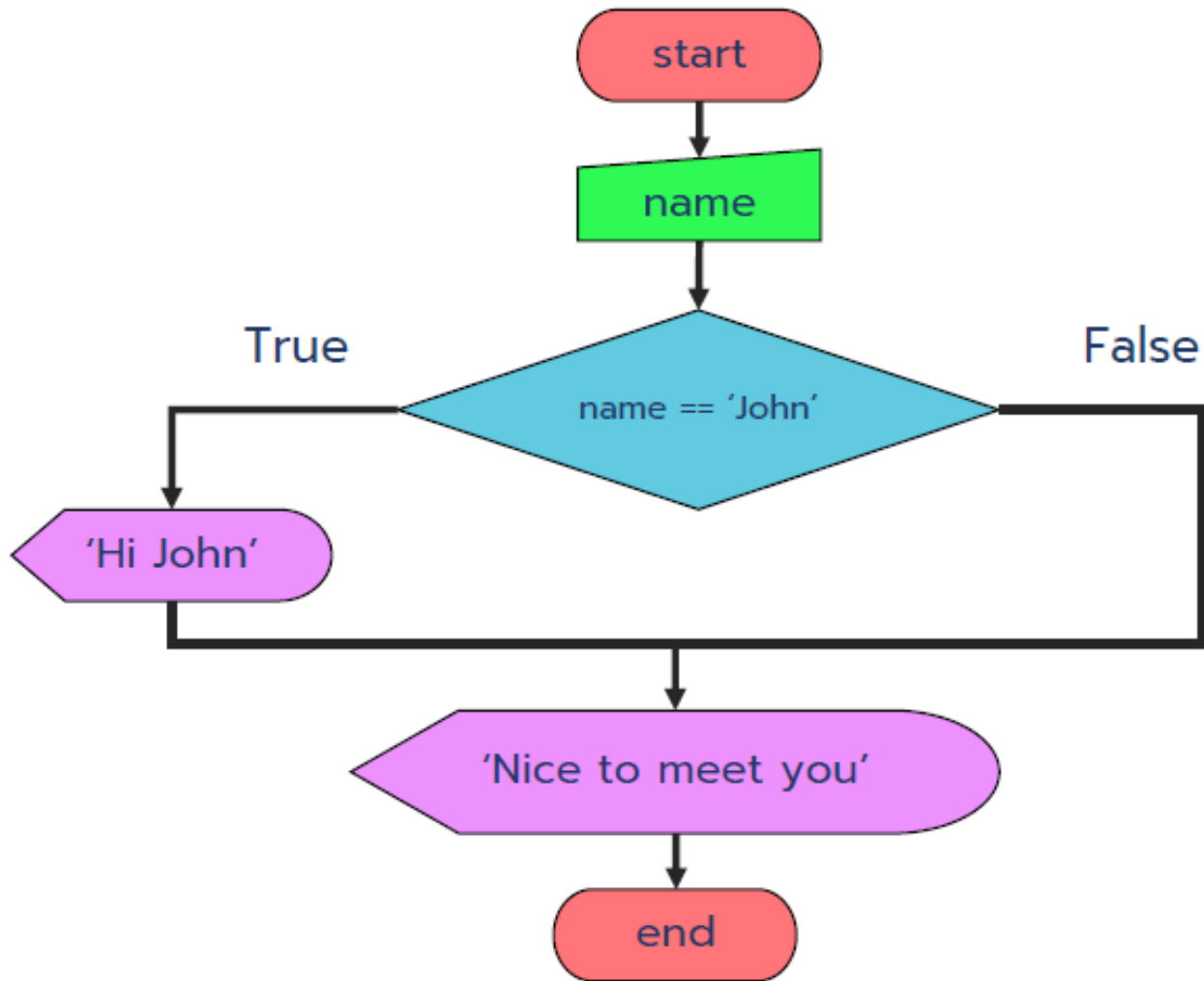
Nice to meet you

1. if

```
In [2]: ▶ 1 name = input('Please insert your name: ')
          2 print()
          3 if name == 'John':
          4     print('Hi John')
          5 print('Nice to meet you')
```

Please insert your name: Jane

Nice to meet you



1. if

If – Else Statement

~~1. if เชื้อด~~

2. if-else

3. if-elif

4. if-elif-else

2. if-else

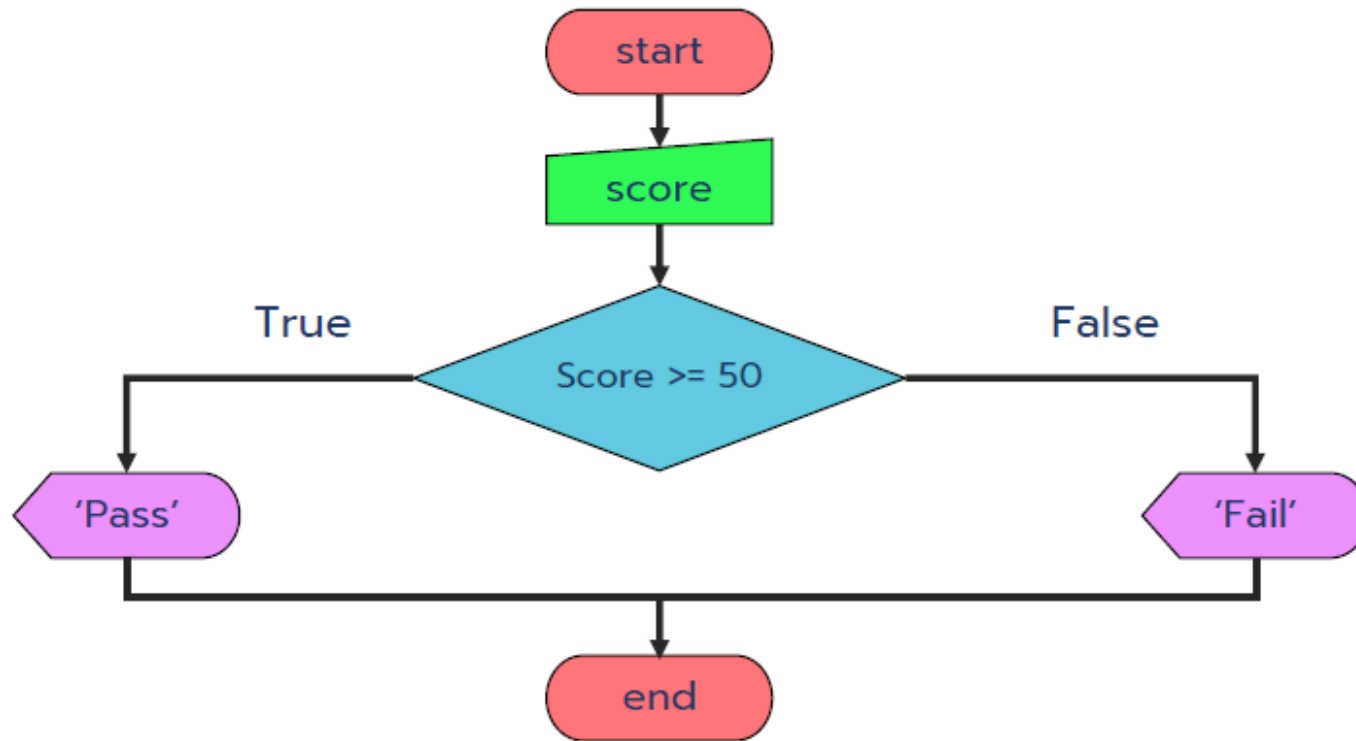
```
In [3]: ▶ 1 score = int(input('Please insert score: '))  
2 if score >= 50:  
3     print('Pass')  
4 else:  
5     print('Fail')
```

```
Please insert score: 50  
Pass
```

2. if-else

```
In [4]: ▶ 1 score = int(input('Please insert score: '))  
2 if score >= 50:  
3     print('Pass')  
4 else:  
5     print('Fail')
```

```
Please insert score: 49  
Fail
```



2. If-Else

If – Else Statement

- ~~1. if เชื้อด~~
- ~~2. if-else เชื้อด~~
- 3. if-elif
- 4. if-elif-else

3. if - elif

```
In [5]: ▶ 1 name = input('Please insert your name: ')
          2 print()
          3 if name == 'Alan Turing':
          4     print('Oh God !')
          5 elif name == 'Isac Newton':
          6     print('OMG !')
          7 print('Glad to see you')
```

Please insert your name: Alan Turing

Oh God !

Glad to see you

3. if - elif

In [6]: ▶

```
1 name = input('Please insert your name: ')
2 print()
3 if name == 'Alan Turing':
4     print('Oh God !')
5 elif name == 'Isac Newton':
6     print('OMG !')
7 print('Glad to see you')
```

Please insert your name: Isac Newton

OMG !

Glad to see you

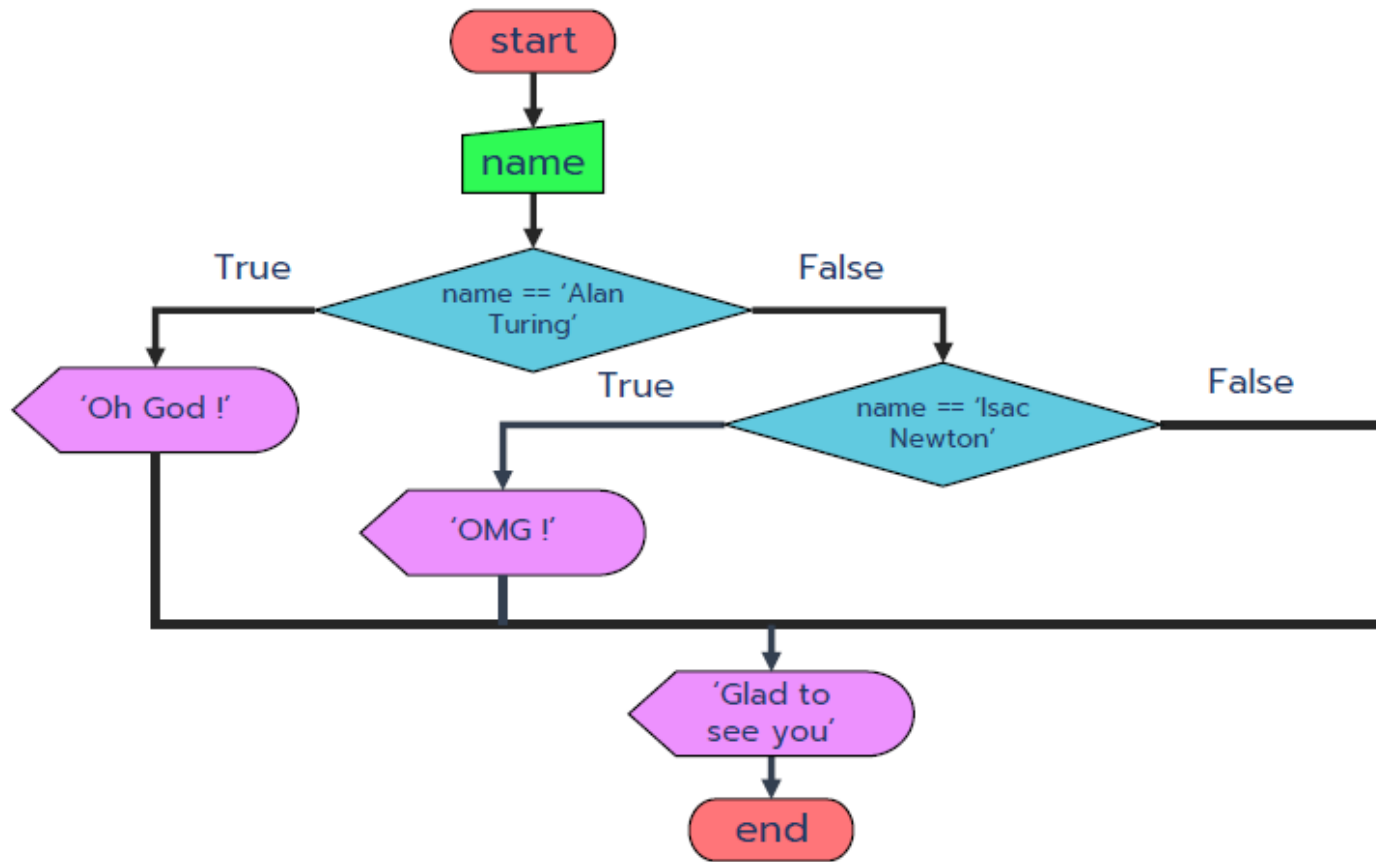
3. if - elif

In [7]: ▶

```
1 name = input('Please insert your name: ')
2 print()
3 if name == 'Alan Turing':
4     print('Oh God !')
5 elif name == 'Isac Newton':
6     print('OMG !')
7 print('Glad to see you')
```

Please insert your name: Yoda

Glad to see you



3. If-Elif

If – Else Statement

- ~~1. if เชื้อด~~
- ~~2. if-else เชื้อด~~
- ~~3. if-elif เชื้อด~~
- 4. if-elif-else

4. if – elif – else

```
In [8]: ▶ 1 name = input('Please insert your name: ')
          2 print()
          3 if name == 'Gift':
          4     print('I miss you')
          5 elif name == 'Cherry':
          6     print('I love you')
          7 elif name == 'Wine':
          8     print('I need you')
          9 else:
         10     print('Leave me alone')
```

Please insert your name: Gift

I miss you

4. if – elif – else

```
In [9]: ▶ 1 name = input('Please insert your name: ')
          2 print()
          3 if name == 'Gift':
          4     print('I miss you')
          5 elif name == 'Cherry':
          6     print('I love you')
          7 elif name == 'Wine':
          8     print('I need you')
          9 else:
         10     print('Leave me alone')
```

Please insert your name: Cherry

I love you

4. if – elif – else

In [10]: ▶

```
1 name = input('Please insert your name: ')
2 print()
3 if name == 'Gift':
4     print('I miss you')
5 elif name == 'Cherry':
6     print('I love you')
7 elif name == 'Wine':
8     print('I need you')
9 else:
10    print('Leave me alone')
```

Please insert your name: Wine

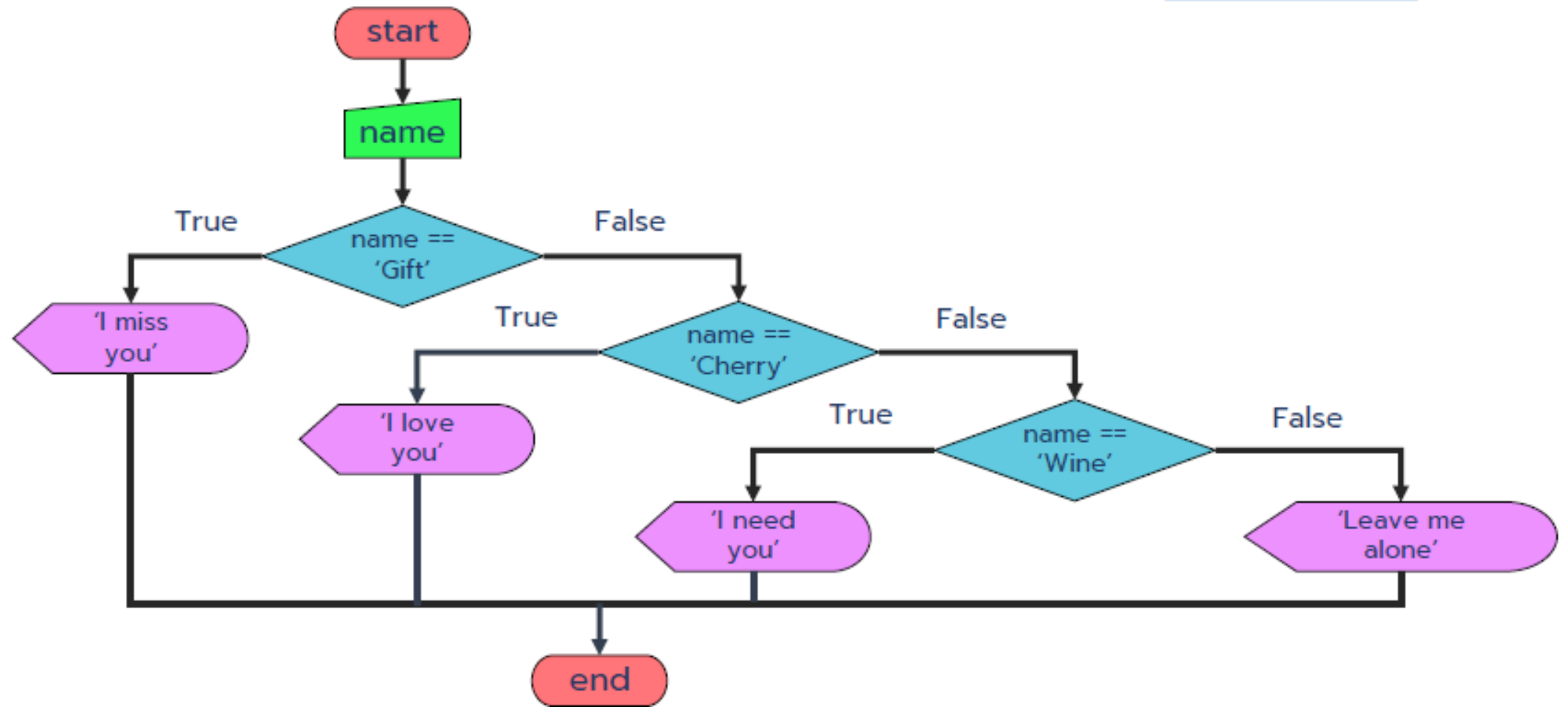
I need you

4. if – elif – else

```
In [11]: ▶ 1 name = input('Please insert your name: ')
           2 print()
           3 if name == 'Gift':
           4     print('I miss you')
           5 elif name == 'Cherry':
           6     print('I love you')
           7 elif name == 'Wine':
           8     print('I need you')
           9 else:
          10     print('Leave me alone')
```

Please insert your name: Longan

Leave me alone



4. if – elif - else

If – Else Statement

- ~~1. if เชื้อด~~
- ~~2. if-else เชื้อด~~
- ~~3. if-elif เชื้อด~~
- ~~4. if-elif-else เชื้อด~~