

# Conditional Statement

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SHUTCHON PREMCHAISAWATT

# เนื้อหา

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1. Flowchart

2. If Statement

# Flowchart

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เริ่ม, จบ



พินพ



การประกาศตัวแปร  
การคำนวณ



เงื่อนไข  
(if-else)

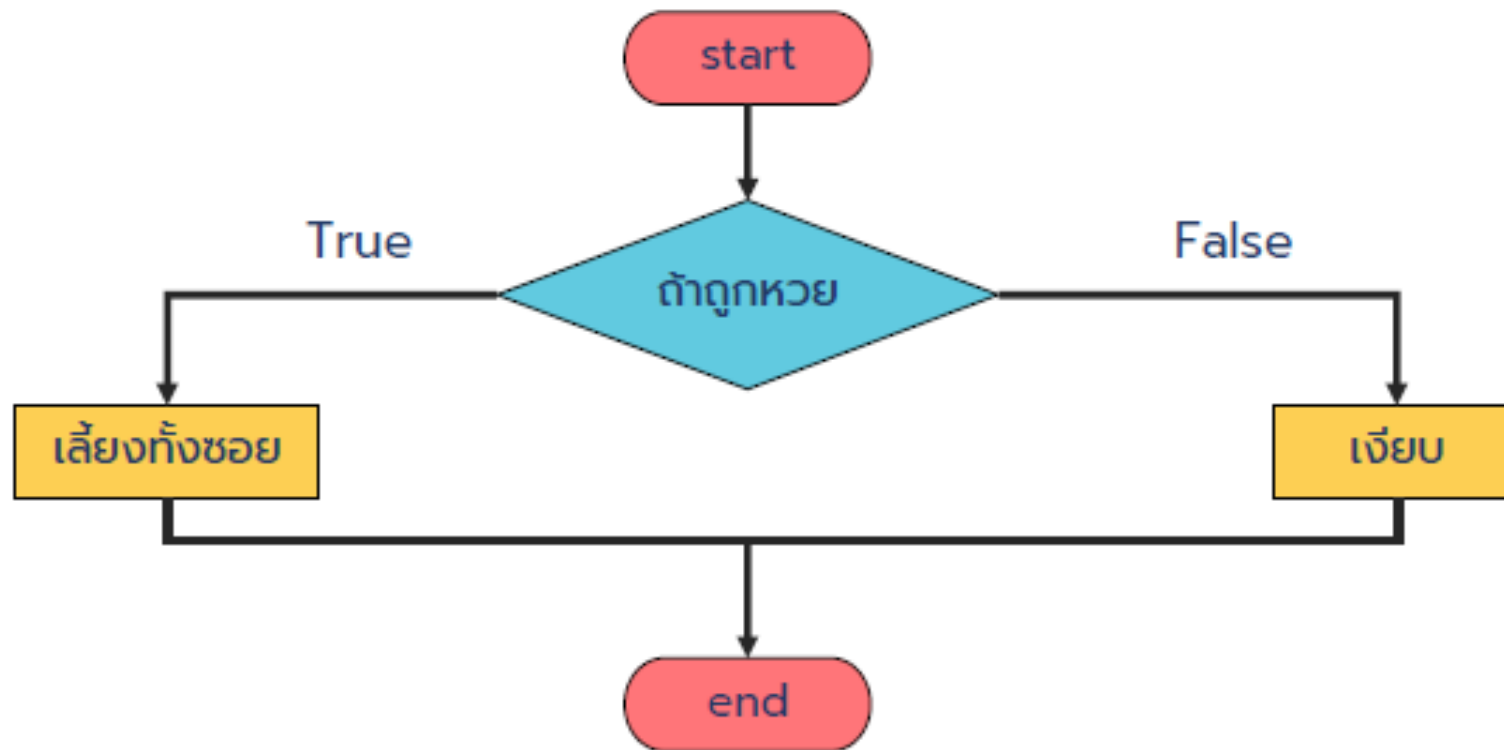


รับอินพุต

# Flowchart

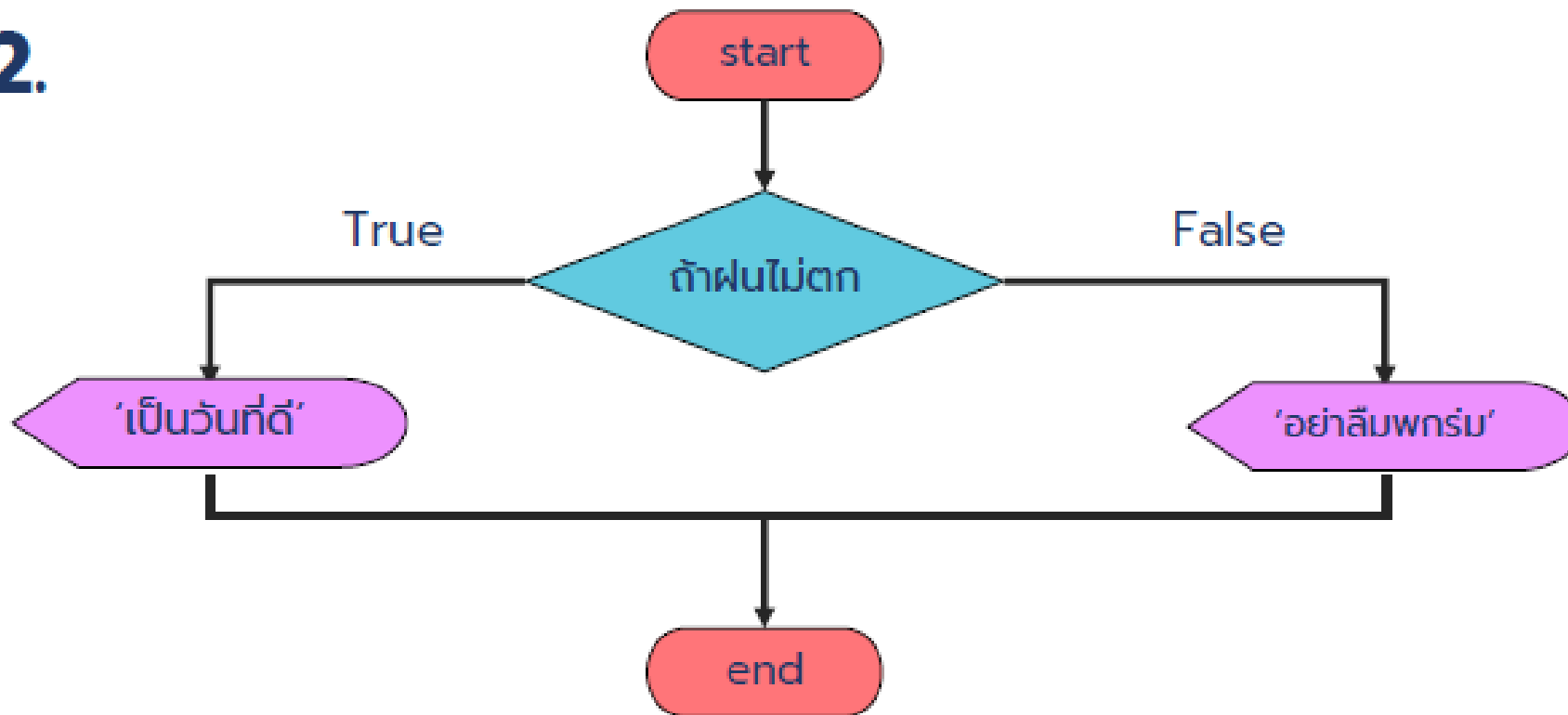
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**Ex 1.**



# Flowchart

**Ex 2.**



# เนื้อหา

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~~1. Flowchart~~ เชื่อม

2. If Statement

# If – Else Statement

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

# 1. if

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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



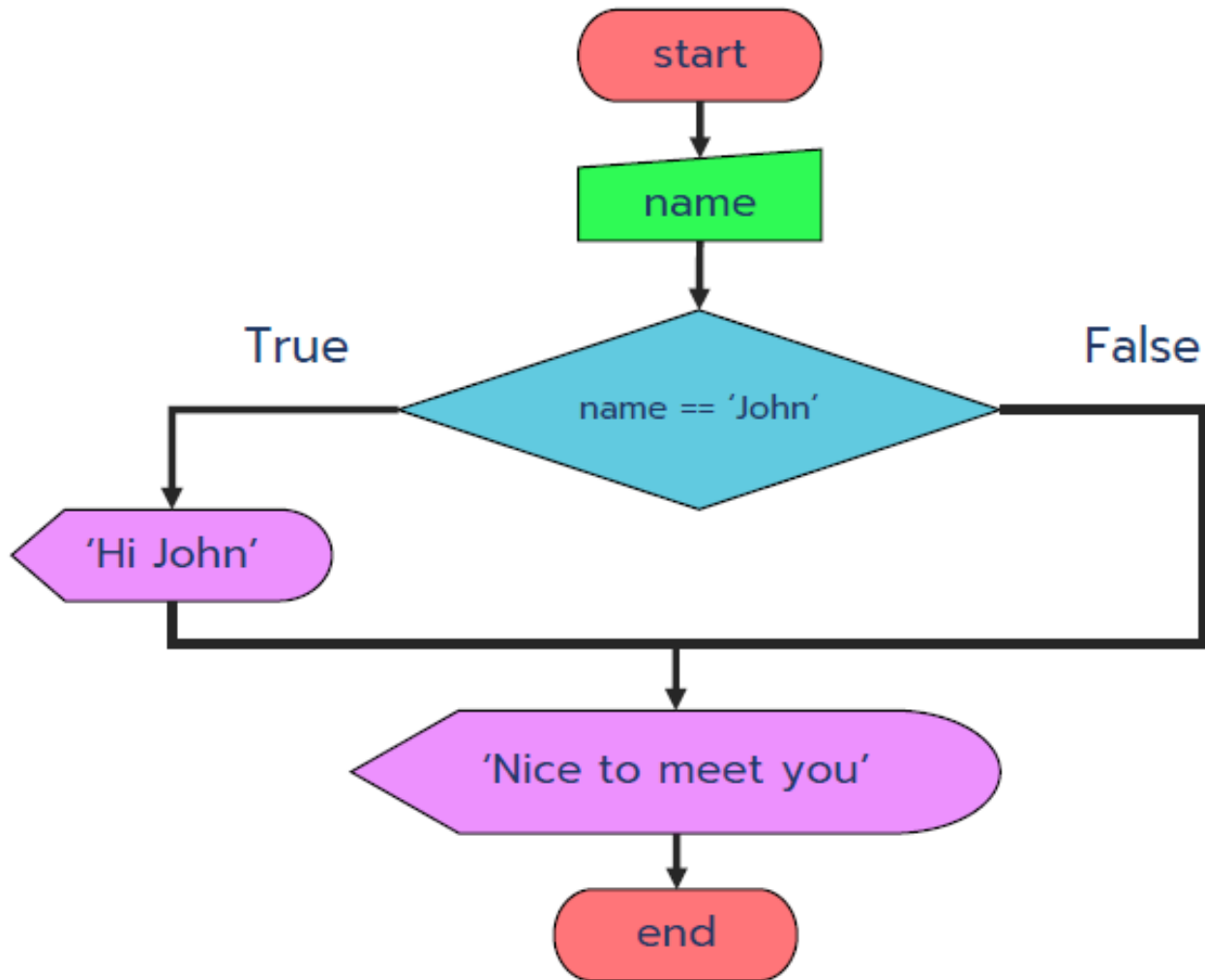
# 1. if

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```
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



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1. if

# If – Else Statement

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~~1. if เชื้อด~~

2. if-else

3. if-elif

4. if-elif-else

## 2. if-else

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

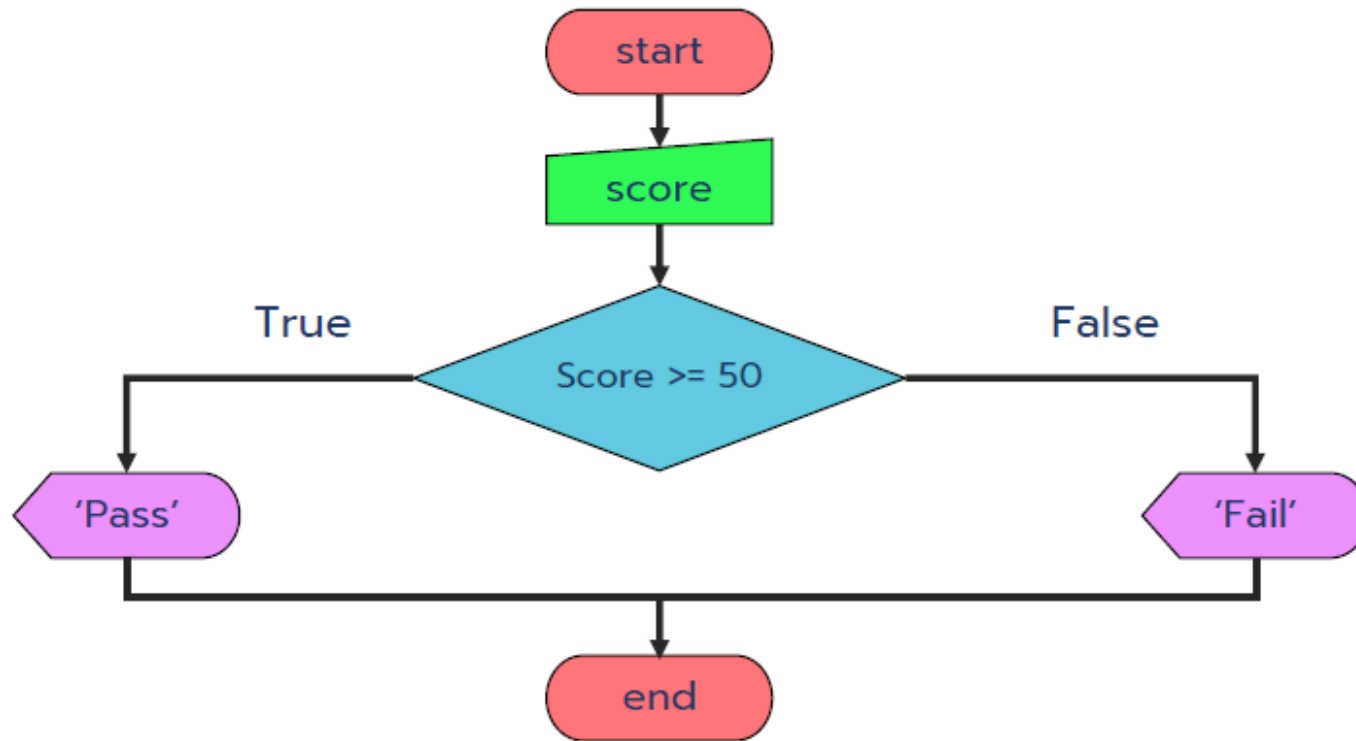
```
Please insert score: 50  
Pass
```

## 2. if-else

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```
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

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

### 3. if - elif

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```
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

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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

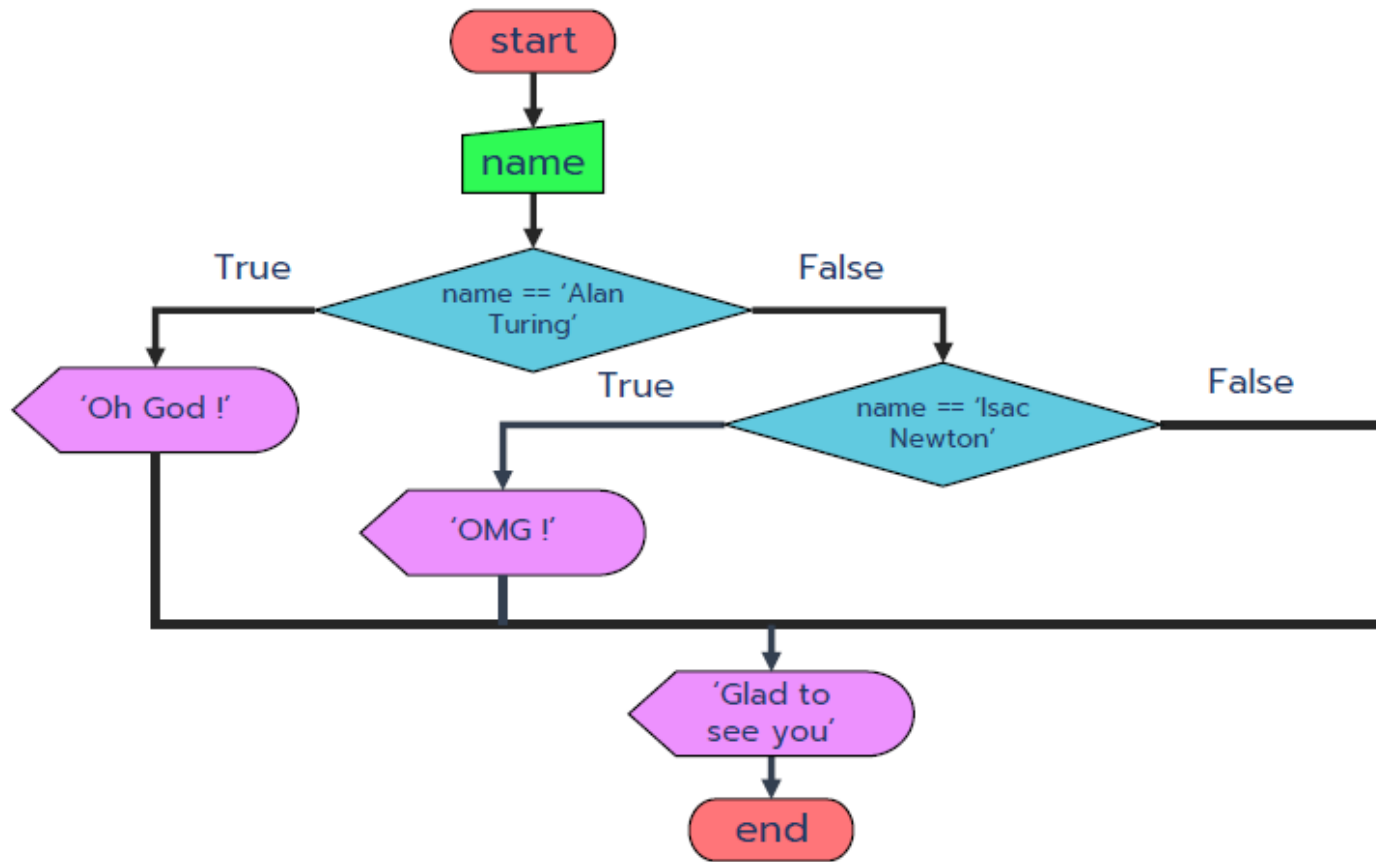
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In [7]: ▶

```
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

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# If – Else Statement

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

## 4. if – elif – else

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```
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

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```
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

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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

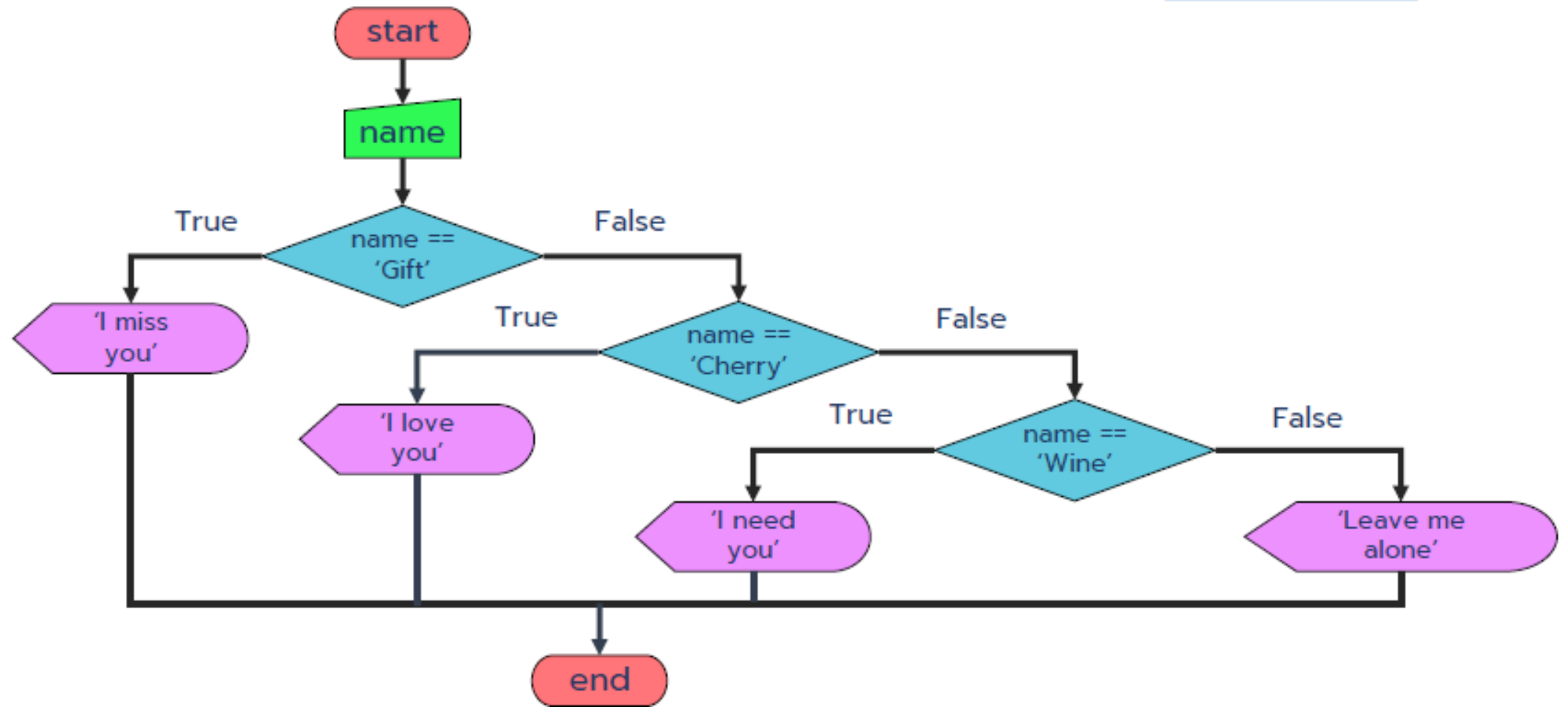
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```
In [11]: ▶ 1 name = input('Please insert your name: ')
           2 print()
           3 if name == 'Gift':
           4     print('I miss you')
           5 elif name == 'Cherry':
           6     print('I love you')
           7 elif name == '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

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