IF-ELSE STATEMENT
CONDITIONAL STATEMENT

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if-else Statement

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if statement

```python
1  grade = 7.3
2
3  if grade >= 5.0:
4      print("PASSED!")
```

```python
1  grade = 4.5
2
3  # evaluate grade
4  if grade >= 5.0:
5      print("PASSED!")
6  if grade < 5.0:
7      print("FAILED!")
```

if-else statement

```python
1  grade = 4.0
2
3  # evaluate grade
4  if grade >= 5.0:
5      print("PASSED!")
6  else:
7      print("FAILED!")
```

if-elif-else statement

```python
1   grade = 2.9
2
3   # evaluate grade
4   if grade >= 5.0:
5       print("PASSED!")
6   elif grade < 5.0: # < 5.0 evaluated first
7       print("FAILED")
8   elif grade < 3.0:
9       print("DISMISSED!")
10  else:
11      print("INVALID!")
```

```python
1   grade = 2.9
2
3   # evaluate grade
4   if grade >= 5.0:
5       print("PASSED!")
6   elif grade < 3.0: # < 3.0 evaluated first
7       print("DISMISSED!")
8   elif grade < 5.0:
9       print("FAILED!")
10  else:
11      print("INVALID!")
```