if-elif statements

• Or more than two branches!

• The if-elif statement looks like:

  if <condition>:
    <statements>
  elif <condition>:  # repeat as many time as needed
    <statements>
  else: # this block is optional
    <statements>

<See example code>
if-elif statements

- Or more than two branches!

- The if-elif statement looks like:

```python
if <condition>:
    <statements>
elif <condition>:  # repeat as many time as needed
    <statements>
else: # this block is optional
    <statements>

<See example code>
```
Nested If[-elif][-else] Statements
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Nested 'if' statements

• The if-elif statement looks like:

    if <condition>:
        if <condition>:
            <statements>
        else:
            <statements>
    elif <condition>:  # repeat as many time as needed
        <statements>
    else: # this block is optional
        <statements>
Nested 'if' statements

• Nested if-elif statements looks like:

```
if <condition>:
    if <condition>:
        if <condition>:
            <statements>
        else: # 3\text{rd} level of if statement
            <statements>
    else: # 2\text{nd} level of if statement
        <statements>
else: # 1\text{st} level of if statement
    <statements>
```