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# [Exercises: Level 3] Python Fundamentals - Conditionals
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'''
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```
Here we have a person dictionary. Feel free to modify it!
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```
person={
    'first_name': 'Aurora',
    'last_name': 'Luna',
    'age': 6,
    'country': 'Indonesia',
    'skills': ['JavaScript', 'React', 'Node', 'MongoDB', 'Python'],
    'address': {
        'street': 'Jl. Jalan',
        'zipcode': '123456'
    }
}
```

```
Check if the person dictionary has skills key, if so print out the
middle skill in the skills list.
```

```
Check if the person dictionary has skills key, if so check if the
person has 'Python' skill and print out the result.
```

```
If a person skills has only JavaScript and React, print('He is a front
end developer'), if the person skills has Node, Python, MongoDB,
print('He is a backend developer'), if the person skills has React,
Node and MongoDB, Print('He is a fullstack developer'), else
print('unknown title') - for more accurate results more conditions can
be nested!
```

```
If the person lives in Indonesia, print the information in the
following format:
```

```
Aurora Luna lives in Indonesia.
```

```
'''
```

```
# Person dictionary
```

```
person = {
    'first_name': 'Aurora',
    'last_name': 'Luna',
    'age': 6,
    'country': 'Indonesia',
    'skills': ['JavaScript', 'React', 'Node', 'MongoDB', 'Python'],
    'address': {
        'street': 'Jl. Jalan',
        'zipcode': '123456'
    }
}
```

```
# Check if the person dictionary has skills key
if 'skills' in person:
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skills = person['skills']

# Print out the middle skill in the skills list
middle_index = len(skills) // 2
print("Middle skill:", skills[middle_index])

# Check if the person has 'Python' skill and print out the result
if 'Python' in skills:
    print("The person has Python skill.")
else:
    print("The person does not have Python skill.")

# Determine the person's developer title based on their skills
if set(skills) == {'JavaScript', 'React'}:
    print("He is a front end developer")
elif set(skills) >= {'Node', 'Python', 'MongoDB'}:
    print("He is a backend developer")
elif set(skills) >= {'React', 'Node', 'MongoDB'}:
    print("He is a fullstack developer")
else:
    print("Unknown title")

# Check if the person lives in Indonesia and print the information
if person['country'] == 'Indonesia':
    print(f"{person['first_name']} {person['last_name']} lives in Indonesia.")

```

Middle skill: Node  
 The person has Python skill.  
 He is a backend developer  
 Aurora Luna lives in Indonesia.