```
'''
Rane Gillian R. Villanueva
2018101140
Machine Problem 1
'''


def CtoF(value):
    F = value*(9/5)+32
    return str(value) + "°C is " + str(F) + "°F"
def FtoC(value):
    C = (value-32)*5/9
    return str(value) + "°F is " + str(C) + "°C"


choice = input("1 - Celsius to Fahrenheit\n2 - Fahrenheit to
Celsius\nChoose an option: ")


if int(choice) == 1:
    value = input("Enter value in Celsius: ")
    print(CtoF(float(value)))
elif int(choice) == 2:
    value = input("Enter value in Fahreneheit: ")
    print(FtoC(float(value)))
```

Celsius to Fahrenheit

In [1]:
```
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def FtoC(value):
    C = (value-32)*5/9
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choice = input("1 - Celsius to Fahrenheit\n2 - Fahrenheit to Celsius\nChoose an option: ")

if int(choice) == 1:
    value = input("Enter value in Celsius: ")
    print(CtoF(float(value)))
elif int(choice) == 2:
    value = input("Enter value in Fahreneheit: ")
    print(FtoC(float(value)))
```

```
1 - Celsius to Fahrenheit
2 - Fahrenheit to Celsius
Choose an option: 1
Enter value in Celsius: 35
35.0°C is 95.0°F
```

In [2]:
```
'''
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    F = value*(9/5)+32
    return str(value) + "°C is " + str(F) + "°F"
def FtoC(value):
    C = (value-32)*5/9
    return str(value) + "°F is " + str(C) + "°C"

choice = input("1 - Celsius to Fahrenheit\n2 - Fahrenheit to Celsius\nChoose an option: ")

if int(choice) == 1:
    value = input("Enter value in Celsius: ")
    print(CtoF(float(value)))
elif int(choice) == 2:
    value = input("Enter value in Fahreneheit: ")
    print(FtoC(float(value)))
```

```
1 - Celsius to Fahrenheit
2 - Fahrenheit to Celsius
Choose an option: 1
Enter value in Celsius: 55.5
55.5°C is 131.9°F
```

Fahrenheit to Celsius

In [3]:
```
'''
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'''

def CtoF(value):
    F = value*(9/5)+32
    return str(value) + "°C is " + str(F) + "°F"
def FtoC(value):
    C = (value-32)*5/9
    return str(value) + "°F is " + str(C) + "°C"

choice = input("1 - Celsius to Fahrenheit\n2 - Fahrenheit to Celsius\nChoose an option: ")

if int(choice) == 1:
    value = input("Enter value in Celsius: ")
    print(CtoF(float(value)))
elif int(choice) == 2:
    value = input("Enter value in Fahreneheit: ")
    print(FtoC(float(value)))
```

```
1 - Celsius to Fahrenheit
2 - Fahrenheit to Celsius
Choose an option: 2
Enter value in Fahreneheit: 125
125.0°F is 51.666666666666664°C
```

In [4]:
```
'''
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2018101140
Machine Problem 1
'''

def CtoF(value):
    F = value*(9/5)+32
    return str(value) + "°C is " + str(F) + "°F"
def FtoC(value):
    C = (value-32)*5/9
    return str(value) + "°F is " + str(C) + "°C"

choice = input("1 - Celsius to Fahrenheit\n2 - Fahrenheit to Celsius\nChoose an option: ")

if int(choice) == 1:
    value = input("Enter value in Celsius: ")
    print(CtoF(float(value)))
elif int(choice) == 2:
    value = input("Enter value in Fahreneheit: ")
    print(FtoC(float(value)))
```

```
1 - Celsius to Fahrenheit
2 - Fahrenheit to Celsius
Choose an option: 2
Enter value in Fahreneheit: 128.28
128.28°F is 53.48888888888889°C
```