

Write a program to subtract two complex numbers in Python.

```
In [1]: a=3+6j
b=6+3j
print(a-b)

(-3+3j)
```

Write a program to find the fourth root of a number.

```
In [2]: a=81
b=81**0.25
print(b)

3.0
```

Write a program to swap two numbers in Python with the help of a temporary variable.

```
In [3]: a=3
b=6
temp=a
a=b
b=temp
print(a , b)

6 3
```

Write a program to swap two numbers in Python without using a temporary variable.

```
In [5]: a=3
b=6
a=a+b
b=a-b
a=a-b
print(a , b)

6 3
```

Write a program to convert Fahrenheit to kelvin and celsius both.

```
In [7]: f=90
c=(f-32)/1.8
k=273+(f-32)*(5/9)
print("Celsius is ",c,"Kelvin is ",k)

Celsius is  32.22222222222222 Kelvin is  305.2222222222223
```

Write a program to demonstrate all the available data types in Python. Hint: Use type() function.

```
In [10]: a=9
b=545646545699999998788999
c=3.6
d="Raam"
tup6=()
list9=[]
dic={}
print(type(a))
print(type(b))
print(type(c))
print(type(d))
print(type(tup6))
print(type(list9))
print(type(dic))

<class 'int'>
<class 'int'>
<class 'float'>
<class 'str'>
<class 'tuple'>
<class 'list'>
<class 'dict'>
```