Create a series and practice basic arithmetic steps

a. Series 1 = 7.3, -2.5, 3.4, 1.5

i. Index = ‘a’, ‘c’, ‘d’, ‘e’

b. Series 2 = -2.1, 3.6, -1.5, 4, 3.1

i. Index = ‘a’, ‘c’, ‘e’, ‘f’, ‘g’

c. Add Series 1 and Series 2 together and print the results

d. Subtract Series 1 from Series 2 and print the results

In [3]:
```
import pandas as pd
import numpy as np
```

In [5]:
```
# Create series1
series1 = pd.Series([7.3, -2.5, 3.4, 1.5],index=[ 'a', 'c','d','e'])
print(series1)
```

```
a    7.3
c   -2.5
d    3.4
e    1.5
dtype: float64
```

In [ ]:
```
# Create series2
series2 = pd.Series([-2.1, 3.6, -1.5, 4, 3.1],index=[ 'a', 'c','e','f',
'g'])
print(series2)
```

In [ ]:
```
print(series1+series2)
```

In [ ]:
```
print(series1-series2)
```

In [ ]:
```

```

In [6]:
```

```

```
a   -2.1
c    3.6
e   -1.5
f    4.0
g    3.1
dtype: float64
```

In [7]:
```
print(series1+series2)
```

```
a    5.2
c    1.1
d    NaN
e    0.0
f    NaN
g    NaN
dtype: float64
```

In [8]:
```
print(series1-series2)
```

```
a    9.4
c   -6.1
d    NaN
e    3.0
f    NaN
g    NaN
dtype: float64
```

In [ ]:
```

```