

# Introduction to Computation (IDC101)

## Format statements needed for completing exercise 2 :

```
>>> x=15.878211
```

```
>>> print(format(x, '.5f')) #rounds the number and shows in decimal
15.87821 #format with 5 places after decimal.
```

```
>>> print(format(x, '>15f')) #reserves 15 spaces and moves
      15.87821 #them to extreme right
```

```
>>> print(format(x, '<15f')) #reserves 15 spaces and moves
15.87821 #them to extreme left
```

```
>>> print(format(x, '^15f')) #reserves 15 spaces and centers it
      15.87821 #in those spaces
```

```
>>> print(format(x, '10.5f')) #Reserves 10 spaces. Rounds the number
15.87821 # and shows in decimal format with
# 5 places after decimal.
```

**All the outputs are shown in red.**

You can display the number in one of the foll formats :

```
f -> decimal format
e -> scientific notation
d -> integer format
s -> string
```