first assignment

March 19, 2024

```python
[2]: #Convert an integer to a floating-point number.


integer_number = 10
float_number = float(integer_number)
print(float_number)
```

```
10.0
```

```python
[3]: #Convert a float to an integer.

float_number = 10.5
integer_number = int(float_number)
print(integer_number)
```

```
10
```

```python
[4]: #Convert an integer to a string.

integer_number = 10
string_number = str(integer_number)
print(string_number)
```

```
10
```

```python
[5]: #Convert a list to a tuple.

list_numbers = [1, 2, 3, 4, 5]
tuple_numbers = tuple(list_numbers)
print(f"List Numbers: {list_numbers}")
print(f"Tuple Numbers: {tuple_numbers}")
```

```
List Numbers: [1, 2, 3, 4, 5]
Tuple Numbers: (1, 2, 3, 4, 5)
```

```python
[6]: #Convert a tuple to a list.

tuple_numbers = (1, 2, 3, 4, 5)
```

```
list_numbers = list(tuple_numbers)
print(f"Tuple Numbers: {tuple_numbers}")
print(f"List Numbers: {list_numbers}")
```

```
Tuple Numbers: (1, 2, 3, 4, 5)
List Numbers: [1, 2, 3, 4, 5]
```

[7]:
```
#Convert a decimal number to binary.

decimal_number = 10
binary_number = bin(decimal_number)
print(binary_number)
```

```
0b1010
```

[8]:
```
#Convert an o-zero number to boolean.

zero_number = 0
boolean_value = bool(zero_number)
print(boolean_value)
```

```
False
```

[ ]: