Python Type Conversion

Assignment pw skills

1. **Convert a integer to a floating-point Number.**

**Ans-** # integer number

**integer\_num = 5**

        # convert to floating-point number

**floating\_point\_num = float(integer\_num)**

**print(floating\_point\_num)**

                    # output

**5.0**

1. **Convert a float to an integer.**

**Ans-** # floating number

**Floating\_num = 5.0**

# convert to integer

**Integer\_num = int(floating\_num)**

**print(integer\_num)**

    #  output

**5**

1. **Convert an integer to a string.**

**Ans-# Integer**

**integer\_number = 10**

**# Convert to string**

**string\_number = str(integer\_number)**

**print(string\_number)**

**# Output:**

**'10'**

4. Convert a list to a tuple.

My\_list = [1, 2, 3, 4, 5]

my\_tuple = tuple(my\_list)

print(my\_tuple)

# output

(1, 2, 3, 4, 5)

5. Convert a tuple to a list.

my\_tuple = (1, 2, 3, 4, 5)

my\_list = list(my\_tuple)

print(my\_list)

# output

[1, 2, 3, 4, 5]

6. Convert a decimal number to binary.

*decimal\_number = 10*

*binary\_representation = bin(decimal\_number)*

*print(binary\_representation)*

# output

0b1010

7. Convert a non-zero number to Boolean.

num = 5

Boolean\_value = bool(num)

Print(boolean\_value)

# output

True