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In [ ]: #datatypes.py
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In [6]: int_var = 10
print("Type of int_var:", type(int_var))
float_var = 10.5
print("type of float_var:", type(float_var))
complex_var = 6 + 4j
print("type of complex_var:", type(float_var))
list_var = [ 1, 2, 3]
print("type of list_var:", type(list_var))
dict_var = ["name:", "Victor", "Age:", 20]
print("type of list_var:", type(list_var))
bool_var = True
print("type of bool_var:", type(bool_var))
```

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Type of int_var: <class 'int'>
type of float_var: <class 'float'>
type of complex_var: <class 'float'>
type of list_var: <class 'list'>
type of list_var: <class 'list'>
type of bool_var: <class 'bool'>
```

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In [9]: int_to_float = float(int_var)
float_to_int = int(float_var)
print("Integer to Float:", int_to_float, "Type:", type(int_to_float))
print("Float to Integer:", float_to_int, "Type:", type(float_to_int))
```

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Integer to Float: 10.0 Type: <class 'float'>
Float to Integer: 10 Type: <class 'int'>
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In [ ]:
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