1. Create a table to show which data conversions are possible and which are not.

	Integer	Float	Complex	Bool	List	Tuple	Range	String	Dictionary	Set	Frozen Set	None
Integer	True	True	True	True	False	False	True	True	False	False	False	False
Float	True	True	True	True	False	False	False	True	False	False	False	False
Complex	False	False	True	True	False	False	False	True	False	False	False	False
Bool	True	True	True	True	False	False	True	True	False	False	False	False
List	False	False	False	True	True	True	False	True	False	True	True	False
Tuple	False	False	False	True	True	True	False	True	False	True	True	False
Range	False	False	False	True	True	True	False	True	False	True	True	False
String	False	False	False	True	True	True	False	True	False	True	True	False
Dictionary	False	False	False	True	True	True		True	True	True	True	False
Set	False	False	False	True	True	True	True	False	True	False	True	False
Frozen Set	False	False	False	True	True	True	True	False	True	False	True	False
None	False	False	False	True	False	False		True	False	False	False	False

2. Research how to convert a positive integer to binary format. Vice versa also.

Converting a positive integer to binary format:

```
num1=9
print(bin(num1))
```

Output:

0b1001

Converting a binary to positive integer:

```
binary="1001"
num1=int(binary, 2)
print(num1)
```

Output:

9