|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **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** | False | False | 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 | False | True | True | True | True | False |
| **Set** | False | False | False | True | True | True | False | True | False | True | True | False |
| **Frozen** **set** | False | False | False | True | True | True | False | True | False | True | True | False |
| **None** | False | False | False | True | True | False | False | True | False | False | False | False |

* **How to convert a Positive integer to binary format?**

Num1=30

Binary = bin(num1)

Print(binary)

**Output**:0b11110

* **How to convert a binary to positive integer?**

Binary = ‘1001’

Num1 = int(binary,2)

Print(num1)

**Output**:9