```
anushka-patil@anushka-patil-1-0:~$ python3
Python 3.11.6 (main, Apr 10 2024, 17:26:07) [GCC 13.2.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> i=102
>>> i.as_integer_ratio()
(102, 1)
>>> i=0
>>> i.as_integer_ratio()
(0, 1)
>>> i=10/3
>>> i.as_integer_ratio()
(7505999378950827, 2251799813685248)
>>> i=10
>>> x=bin(10)
>>> x
'0b1010'
>>> i.bit_count()
2
>>> (0).bit_count()
0
>>> bin(15)
'0b1111'
>>> (15).bit_length()
4
>>> bin(34)
'0b100010'
>>> (34).bit_length()
6
>>> i=54
>>> i.denominator
1
>>> i=17//5
>>> i.denominator
1
>>> i=86
>>> i.imag
0
>>> i=87+9j
>>> i.imag
9.0
>>> i=76
>>> i.numerator
76
>>> i=0
>>> i.numerator
0
```

```
>>> i=76
>>> i.numerator
76
>>> i=0
>>> i.numerator
0
>>> i=87+9j
>>> i.real
87.0
>>> i=97
>>> i.real
97
>>> i=10
>>> i.to_bytes(10,byteorder='big')
b'\x00\x00\x00\x00\x00\x00\x00\x00\x00\n'
>>> quit()
anushka-patil@anushka-patil-1-0:~$
```