

Ques. What is Magic Method Or Dunder Methods?

- Magic methods in Python are the special methods that start and end with the double underscores. They are also called dunder methods.
- Built-in classes in Python define many magic methods.
- The `dir()` function can be used to see the number of magic methods inherited by a class.

```
[ '__abs__', '__add__', '__and__', '__bool__', '__ceil__', '__class__',
  '__delattr__', '__dir__', '__divmod__', '__doc__', '__eq__', '__float__',
  '__floor__', '__floordiv__', '__format__', '__ge__', '__getattr__',
  '__getnewargs__', '__gt__', '__hash__', '__index__', '__init__',
  '__init_subclass__', '__int__', '__invert__', '__le__', '__lshift__', '__lt__',
  '__mod__', '__mul__', '__ne__', '__neg__', '__new__', '__or__', '__pos__',
  '__pow__', '__radd__', '__rand__', '__rdivmod__', '__reduce__', '__reduce_ex__',
  '__repr__', '__rfloordiv__', '__rlshift__', '__rmod__', '__rmul__', '__ror__',
  '__round__', '__rpow__', '__rrshift__', '__rshift__', '__rsub__', '__rtruediv__',
  '__rxor__', '__setattr__', '__sizeof__', '__str__', '__sub__', '__subclasshook__',
  '__truediv__', '__trunc__', '__xor__', 'bit_length', 'conjugate', 'denominator',
  'from_bytes', 'imag', 'numerator', 'real', 'to_bytes']
```

```
class emp():
    def __init__(self,name,salery):
        self.name = name
        self.salery = salery

    def __len__(self):          # Magic method
        return len(self.name)

obj = emp('mohit', 422573)
print(len(obj))
```

Output:- 5