## **Python MAGIC methods:**

- Customize object behaviour and integrate with the language.
- Define how objects are represented as strings.
- Control access to attribute values, both for get and set.
- Build in comparison and equality testing capabilities.
- Allow objects to be called as functions.

## Using \_\_str\_\_ magic method to return a string instead of object :

```
def __str__(self):
return f"{self.title} by {self.author}"
```

Using the \_\_repr\_\_ magic method to return an obj representation :

```
def __repr__(self):
return f"title={self.title}, author={self.author}"
```