Dir dict and help methods in python

We must look into dir() dict() and help() attribute/methods in python. They make it easy for us to understand how classes resolve various and executes code in Python there built in functions that are commonly used to get information about objects: dir() dict and help() let's take a look at such of them.

The dir() method

dir(): The dir() function returns a list of all the attributes and methods (including dunder methods) available for an object. It is a useful tool for discovering what you can do with an object.

Example:

```python
x=[1,2,3]
print(dir(x))
print(x.__add__)
```

The dict() method

dict(): The dict() attribute return a dictionary representation of an object's attributes. It is a useful tool for introspection.

Example:

```python
class person:
    def __init__(self,name,salary):
        self.name=name
        self.salary=salary

p=person("Munawar",148)
print(p.__dict__)
```

The help() method

help(): The help() function is used to get help documentation for an object, including a description if its attributes and methods .

Example:

```
class programmer:
    def __init__(self,name,salary):
        self.name=name
        self.salary=salary

p1=programmer("Munawar",108)
print(help(programmer))
```

Source Code

```
# x=[1,2,3]
# print(dir(x))
# print(x.__add__)

# class person:
#     def __init__(self,name,salary):
#         self.name=name
#         self.salary=salary

# p=person("Munawar",148)
# print(p.__dict__)


class programmer:
    def __init__(self,name,salary):
        self.name=name
        self.salary=salary

p1=programmer("Munawar",108)
print(help(programmer))
```

Thank You