


# match

In Python 3.10, structural pattern matching is introduced using the `match` and `case` statements. This allows us to associate specific actions based on the patterns of complex data types.

```
match object:
    case <pattern_1>:
        <action_1>
    case <pattern_2>:
        <action_2>
    case <pattern_3>:
        <action_3>
    case _:
        <wildcard_action>
```



*The `_` character is a wildcard that acts as a match if it does not occur in the previous cases.*

It is possible to detect and deconstruct different data structures: this means that patterns are not only literal values (strings or numbers), but also data structures, on which construction matches are sought.