

Object Oriented Programming with Python

Gramsci Hermozo

Session 15

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Service to test

Flask

Is a micro web framework written in Python.

Example code to show a "Hello World"

```
from flask import Flask
```

```
app = Flask(__name__)
```

```
@app.route("/")
```

```
def hello():
```

```
    return "Hello World"
```

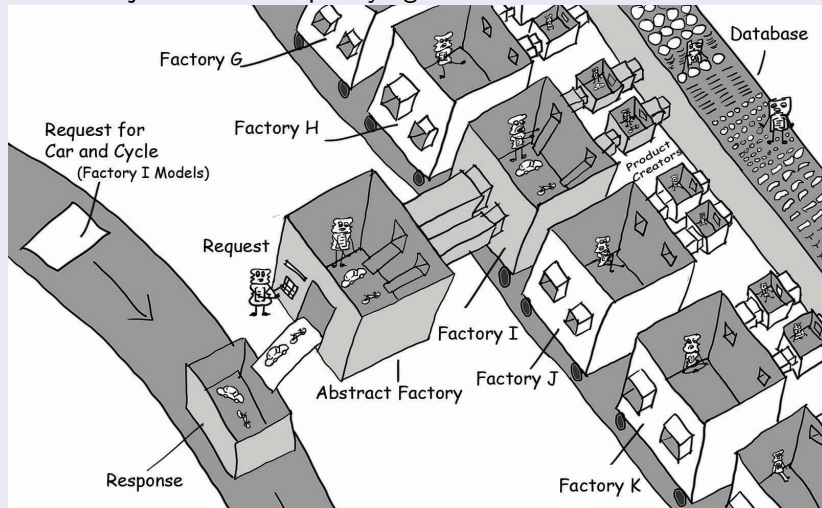
```
if __name__ == "__main__":
```

```
    app.run(debug=False)
```

Design Patterns

Abstract Factory

Is a creational design pattern that lets you produce families of related objects without specifying their concrete classes.



SOLID

- S -> Single responsibility
- O -> Open and Close (open for extension but closed for modification)
- L -> Liskov Substitution
- I -> Interface Segregation
- D -> Dependency Inversion

Practice

Lets use the good practices

- Try to implement/refactor an Abstract Factory into Pandemic project