



You completed this test on *21/11/2023, 17:40*
Your score is 80.00%

INCORRECT

factory pattern is also known as

1. Virtual Box

✗ 2. *World of Patterns*

3. **Virtual Constructor**

4. None of the above

CORRECT

Which design patterns deals with compatibility of incompatible types and is used for converting an existing interface into the one which the client expects?

1. Proxy

✓ 2. **Adapter**

3. Factory Method

4. Decorator

CORRECT

Which design pattern should you use if you don't want to expose your data structure, Client wants to access the data structure sequentially

1. Observer

✓ **2. *Iterator***

3. Proxy

4. Builder

CORRECT

GOF stands for ?

1. Gamma of four

✓ **2. *Gang of four***

3. Gang of helm

4. Gamma of helm

CORRECT

What is a Singleton design pattern?

✓ **1. *A design pattern that allows you to ensure that a class has only one instance***

2. A design pattern that lets you fit more objects into the available amount of RAM

3. A design pattern that separates an object's specification from its implementation

4. A design pattern that ensures that the class has multiple instances

INCORRECT

Which design pattern provides a way to access the elements of an aggregate object sequentially without exposing its underlying representation?

1. Proxy pattern

2. Observer pattern

3. Iterator pattern

✗ **4. *Strategy pattern***

CORRECT

Which design pattern will you use when you have family of related classes or dependent objects for eg. Multiple type of Phones managed and each phone is used with set of devices for eg. datacable, charger, earphone etc?

- 1. Proxy
- 2. Adapter
- 3. Factory Method

✓ **4. *AbstractFactory***

CORRECT

How many types of design patterns are there?

✓ **1. *3***

- 2. 6
 - 3. 12
 - 4. 1
-

CORRECT

Which design pattern deals with communication of objects?

- 1. Creational
- 2. Structural

✓ **3. *Behavioral***

- 4. All of these
-

CORRECT

Which one pattern creating duplicate object?

- 1. Filter Pattern

✓ **2. *Prototype Pattern***

- 3. Bridge Pattern

4. Builder Pattern

INCORRECT

Which design pattern will you use to get a new instance which requires details of an existing instance?

1. **Prototype**

2. Proxy

✗ 3. *Adapter*

4. Factory Method

CORRECT

—— is not a design pattern?

✓ 1. **GOF**

2. Structural

3. Abstract Factory

4. Singleton

CORRECT

Which design pattern will you use when you want to manage only one object of a class in the application?

✓ 1. **Singleton**

2. Proxy

3. Facade

4. Decorator

INCORRECT

Which design pattern should you use when you have have a lot of classes of same type and you don't know which one to use till runtime?

1. Adapter

✗ 2. Builder

3. FactoryMethod

4. Prototype

CORRECT

What is a design pattern in software development?

1. A fixed set of coding rules

✓ 2. ***A general reusable solution to a commonly occurring problem***

3. specific coding style

4. None of the above

CORRECT

Which design pattern is used to decouple client from sub-systems by providing a simple interface to use

1. Proxy

2. Adapter

✓ 3. ***Façade***

4. Decorator

CORRECT

abstract factory pattern is also known as

1. Virtual Box

✓ 2. ***Kit***

3. Virtual Constructor

4. None of the above

CORRECT

Which design pattern provides a place holder for another object to manage and control access of object ?
example problem. a document editor that can embed graphical objects in a document. Foeg. You have a class which contains the methods for creating Requests to the remote server, ie. The object of which is successfully used , Now you want the more secure version which checks the credentials(username,password) before the apis can be used without changing the original Class implementation

1. Prototype

✓ **2. Proxy**

3. Adapter

4. Factory Method

CORRECT

Which of the following is NOT a creational design pattern?

1. Singleton Pattern

2. Factory Pattern

✓ **3. Bridge Pattern**

4. Prototype Pattern

CORRECT

Which design pattern is used to update consumers when result is received by producer, Consumers don't need to poll for result

✓ **1. Observer**

2. Proxy

3. Façade

4. Decorator

Passed. Let's continue.

