

# Quiz: Design Patterns

Test your understanding of the design patterns.

7 

Which behavioral pattern allows a request sent by a client to be received or processed by a series of handlers?

Your Answer

 A) The Command pattern

B) The Observer pattern

Correct Answer

 C) The Chain of Responsibility pattern

D) The Visitor pattern

Submit Answer



Question 7 of 7  
7 attempted



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 Back

Next 

Behavioral Design Pat...

An Approach to Solve ...

☐ Mark as  
Completed



(Select all that apply.) Which statement is *true* about design patterns?

Selected Option



A) Design patterns provide one of the best solutions as they have been derived and optimized by various experienced programmers over time.

Not Selected



B) Design patterns provide a clean and elegant solution to a large problem by avoiding repetition in code.

Not Selected



C) Design patterns can complicate the architecture of the application if they are poorly managed.



D) It is necessary to use design patterns in the code even if there exists a simpler approach.

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Question 1 of 7  
1 attempted



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2



(Fill in the blank.) There are \_\_\_\_\_ classification(s) of design patterns.

Your Answer



A) two

B) three

Correct Answer



C) four

Explanation

1. Creational design patterns
2. Structural design patterns
3. Behavioral design patterns
4. Architectural design patterns

D) five

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Question 2 of 7  
2 attempted



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3



What is the purpose of the Singleton pattern?

Your Answer



A) It separates objects in a single class from objects in another class.

B) It ensures object creation control in a single class or another class.

Correct Answer



C) It ensures that there is only one instance of a class.

D) None of the above

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Question 3 of 7  
3 attempted



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4 

Which structural pattern allows an object to act as a placeholder for another object, controlling access to it?

Your Answer


 A) The Flyweight pattern

B) The Adapter pattern

C) The Bridge pattern

Correct Answer

 D) The Proxy pattern

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Question 4 of 7  
4 attempted



Submit Answer

5 

Which structural pattern allows us to add different functionalities to an existing object?

Your Answer


 A) The Adapter pattern

Correct Answer

 B) The Decorator pattern

C) The Facade pattern

D) The Composite pattern

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Question 5 of 7  
5 attempted



Submit Answer

6

Which design pattern is used to send a notification to the user whenever an order is placed?

Your Answer

☒ A) The Factory pattern

B) The Builder pattern

Correct Answer

☒ C) The Observer pattern

D) The Adapter pattern

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Question 6 of 7  
6 attempted



Submit Answer

7

Which behavioral pattern allows a request sent by a client to be received or processed by a series of handlers?

Your Answer

☒ A) The Command pattern

B) The Observer pattern

Correct Answer

☒ C) The Chain of Responsibility pattern

D) The Visitor pattern

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Question 7 of 7  
7 attempted



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