



**Başlangıç** Cumartesi, 9 Aralık 2023, 1:08 ÖS

**Durum** Biten

**Tamamlanma** Cumartesi, 9 Aralık 2023, 2:00 ÖS

**Geçen süre** 51 dk 33 sn

**Not** 10,00 üzerinden **10,00 (100%)**

Soru **1**

Doğru

5,00 üzerinden 5,00  
notunu ver

Find the correct matchings of the given problem descriptions and design patterns.

Tidy up the interfaces to a number of related objects that have often been developed incrementally

Façade



Provide a standard way of accessing the elements in a collection, irrespective of how that collection is implemented

Iterator



Tell several objects that the state of some other object has changed

Observer



Allow for the possibility of extending the functionality of an existing class at run-time

Decorator



Cevabınız doğru.

Doğru cevap:

Tidy up the interfaces to a number of related objects that have often been developed incrementally → Façade,

Provide a standard way of accessing the elements in a collection, irrespective of how that collection is implemented → Iterator,

Tell several objects that the state of some other object has changed → Observer,

Allow for the possibility of extending the functionality of an existing class at run-time → Decorator

Soru **2**

Doğru

1,00 üzerinden 1,00  
notunu ver

Which of the following is not a reason for defining the context and modes of use of the system?

- ☒ a. Deciding which CASE tool to use ✓
- ☐ b. Establish the boundaries of the system
- ☐ c. Deciding how to structure the system to communicate with its environment
- ☐ d. Deciding how to provide the required system functionality
- ☐ e. Decide what features are implemented in the system being designed and what features are in other associated systems



Cevabınız doğru.

Doğru cevap:

Deciding which CASE tool to use

Soru **3**

Doğru

1,00 üzerinden 1,00  
notunu ver

Which of the following is not a design model?

- ☐ a. Use-case models
- ☒ b. Activity models ✓
- ☐ c. State machine models
- ☐ d. Sequence models
- ☐ e. Subsystem models

Cevabınız doğru.

Doğru cevap:

Activity models

Soru **4**

Doğru

1,00 üzerinden 1,00  
notunu ver

Which of the following statements about sequence models is incorrect?

- ☐ a. Different styles of arrow represent different types of interaction
- ☒ b. Time is represented vertically so models are read bottom to top ✓
- ☐ c. Objects are arranged horizontally across the top
- ☐ d. Interactions are represented by labelled arrows
- ☐ e. A thin rectangle in an object lifeline represents the time when the object is the controlling object in the system

Cevabınız doğru.

Doğru cevap:

Time is represented vertically so models are read bottom to top

Soru **5**

Doğru

1,00 üzerinden 1,00  
notunu ver

Which of the following is not a mandatory element of a design pattern?

- ☐ a. Consequences
- ☐ b. Name
- ☒ c. Sample Java code ✓
- ☐ d. Solution description
- ☐ e. Problem Description

Cevabınız doğru.

Doğru cevap: Sample Java code

Soru **6**

Doğru

1,00 üzerinden 1,00  
notunu ver

Which of the following is not a object-oriented design process?

- ☐ a. Develop design models
- ☐ b. Define the context and modes of use of the system
- ☐ c. Identify the principal system objects
- ☐ d. Design the system architecture
- ☒ e. Develop user training documents ✓

Cevabınız doğru.

Doğru cevap:

Develop user training documents