

Exam

Multiple Choice

1. What is the Prototype Design Pattern?

- a. A pattern that allows us to make new objects by copying existing objects.
- b. A pattern that allows us to create objects from scratch.
- c. A pattern that allows us to modify existing objects.
- d. A pattern that allows us to delete existing objects.

2. What is an advantage of using the Prototype Design Pattern?

- a. Reduced complexity of object construction.
- b. Efficient object creation.
- c. Maintaining object relationships.
- d. All of the above.

Identification

1. What is the Prototype Pattern?

True or False

1. The Prototype Pattern allows us to make new objects by copying existing objects.
2. The Prototype Design Pattern is a behavioral design pattern.

Fill in the Blanks

1. The Prototype Pattern is a _____ design pattern that allows us to make new objects by copying existing objects.
2. The Prototype pattern allows for creating new objects by _____ existing ones.

Essay

1. Identify the components of the Prototype Design Pattern.
2. Identify the pros and cons of the Prototype Design Pattern.