

# Module 1 Review

Quiz, 12 questions

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point

1.

Which of these are desirable characteristics of a software design? **Choose the three correct answers.**

- ☒ reusability
  - ☐ tight coupling
  - ☒ flexible
  - ☒ maintainability
- 

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2.

Identify two outcomes of the design process. **Choose the two correct answers.**

- ☒ technical design
  - ☐ code implementation
  - ☐ design plan
  - ☒ conceptual design
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3.

You are writing out a CRC card for a bank machine component. Under which section should you put "Track Cash Remaining."



Collaborator

# Module 1 Review



Responsibility

Quiz, 12 questions



Class



Risk

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4.

Which two of these are likely to be a part of conceptual design?



CRC Cards



Abstract data types



Methods



Mockups

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5.

When during the design process are you likely to produce CRC cards the most?



conceptual design



technical design



after releasing the software



customer meetings

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6.

Which of the following are examples of non-functional requirements?

**Choose the three correct answers.**

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- ☒ security
  - ☒ availability
  - ☒ performance
  - ☐ purpose
- 

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7.

Select the three categories of objects generally present in object-oriented software.

- ☒ control
  - ☐ tool
  - ☒ entity
  - ☒ boundary
- 

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8.

An object which is responsible for showing data to the user could be considered which category of object?

- ☒ control
  - ☐ boundary
  - ☐ entity
  - ☐ representation
- 

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9.

You are planning a Professor class as part of your software design. Which of these will you consider a collaborator? **Choose the two correct answers.**

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- ☐ Teach Course
  - ☐ Track Employment Status
  - ☒ Course
  - ☒ Student
- 

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10.

What is a requirement of this form called? "As a \_\_\_\_, I want to \_\_\_\_, so that \_\_\_\_".

- ☐ conceptual mockup
  - ☐ entity abstraction
  - ☒ user story
  - ☐ key concept
- 

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11.

You are a programmer creating software for a bank machine system. Which section of a CRC card for the bank machine component will the "User" go into?

- ☐ Responsibility
  - ☐ Collaborator
  - ☐ Object
  - ☒ Class
-

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## Module 1 Review

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12.

During conceptual design, you will talk about... **(Choose the three correct answers):**

☐

technical diagrams

☒

mockups

☒

tradeoffs

☒

requirements

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Upgrade to submit

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