Get ready!

① Before you read the passage, talk about these questions.

1 What is the purpose of software architecture?
2 What are some different views in software architecture?

software architecture

deployment view

idiom

process view

Meeting Agenda – July 22nd

Presentation Information:

Sheryl will discuss the updated **application framework** for our new accounting software. The **process view** and **implementation view** of the project are already complete. Sheryl will share those views with us. She will also talk about developing the **deployment view**. Finally, she will share plans for the **conceptual view** in the next phase.

Then, Scott will share some of his new **programming plans**. These general plans will be helpful for various current and future projects.

Erik will present on his team's new word processing **modules**. These modules will be the basis for several software upgrades. He will explain how simple **idioms** can create complex modules.

Finally, Maria will give a presentation on utilizing **design patterns**. These can be used to solve common problems in **software architecture**. Her presentation will focus on mistakes during our last project. This should give us an idea of which areas need the most improvement.

Reading

② Read the agenda. Then, choose the correct answers.

1 What is the purpose of the meeting?
   A to give progress updates on different projects
   B to assign tasks to each employee
   C to explain new techniques in software architecture
   D to brainstorm new applications to develop

2 Which of the following is NOT a topic that will be covered at the meeting?
   A plans for developing the deployment view of accounting software
   B idioms that can be used to create modules
   C problems caused by design patterns
   D new programming plans for future projects

3 What will the problem solving presentation focus on?
   A examinations of application frameworks
   B the progress of the process and implementation views
   C new programming plans that have been developed
   D examples of previous mistakes

Vocabulary

③ Match the words and phrases (1-4) with the definitions (A-D).

1 __ conceptual view
2 __ implementation view
3 __ process view
4 __ deployment view

A a view that shows modules of packages and layers

B a view that shows the way tasks are assigned to physical nodes

C a view that shows major design elements and interactions between elements

D a view that shows the interaction of tasks and processes of a system

LIVEWORKSHEETS

4 Fill in the blanks with the correct words and phrases from the word bank.

wOrd BANK

application framework   design pattern   idiom
module   programming plan   software architecture

1 _____ divides the components of software according to their functions.

2 A(n) _____ is a commonly used fragment of code.

3 Similar software functions may be bundled into a(n) _____ .

4 Families of systems are connected with a(n) _____ .

5 A(n) _____ is used for common functions or actions.

6 A(n) _____ can be used to fix common problems.

5 🎧 Listen and read the agenda again. What information will Sheryl present?

Listening

6 🎧 Listen to a conversation between a manager and a software engineer. Mark the following statements as true (T) or false (F).

1 __ The woman will give the same presentation to a different client.

2 __ The man gives the woman advice on improving his presentation.

3 __ The implementation view for the new project is complete.

7 🎧 Listen again and complete the conversation.

Manager: No. Actually, quite the opposite. I really enjoyed
1 _____ _____ last week on the design pattern for our current project.

Engineer: Really? Thank you. It's hard to **2** _____ _____ _____ to clients, but I did my best.

Manager: You did a great job. Would you be interested in putting together **3** _____ _____ presentation?

Engineer: Sure. I'd be happy to.

Manager: Great. I need to give a presentation to some other clients. It's an overview of our progress on the **4** _____ _____ .

Engineer: Sure. Just send me the information. I'm sure I can **5** _____ _____ together.

Manager: Great. We already have **6** _____ _____ _____ . I'll send it to you this afternoon.

Speaking

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

USE LANGUAGE SUCH AS:

If you ... I can ...
Would you be interested in ...
I need to ...

Student A: You are a company manager. Talk to Student B about:

• a presentation that he or she gave

• what you enjoyed about the presentation

• what you would like him or her to talk about in a future presentation

Student B: You are an engineer. Talk to Student A about a presentation that you recently gave.

Writing

9 Use the conversation from Task 8 to complete the meeting agenda.

Linda will present on _____
_____ .

Terry will present on _____
_____ .

Alan will present on _____
_____ .

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