Workshop programming

1-Listening:

III. Fill in the blanks with the words you hear from the video. Listen again and check your answers.

Database administrators are experts in storing and organizing **A)** __data__ so that users can access the information they need, while keeping out unwelcome visitors.
These IT professionals play a vital role in many industries—finance, shipping, healthcare, and others— that obtain and store sensitive, private data.

Database administrators oversee the **B)** _____ of new databases, by analyzing the need for the database, clarifying the goals it's intended to fulfill, and identifying its users. Once the database is established, they monitor its performance and make improvements.

Since many users rely on databases to accomplish their daily work, database administrators regularly back up **C)** _____ to prevent data loss and establish steps to ensure the integrity of data that enters the system. When issues occur, they also find and fix sometimes deeply complex problems.

Most database administrators work in **D)** _____ systems design, data hosting, and data processing companies. There are also positions at insurance companies, banks and retailers, **E)** _____ services, and healthcare organizations. (...)

IV. Read the statements below. Tick (√) the correct options.

A	Database Administrator is in charge of...	√
A	Storing and organizing data.	
B	Creating website layout/user interfaces.	
C	Backing-up systems to prevent data loss.	
D	Working with clients.	
E	Fixing complex data problems.	

LIVEWORKSHEETS

Reading part

WHAT IS WEB HOSTING?

Web hosting is an online service that allows you to publish your website on the Internet. So, anyone who has access to the Internet has access to your website. Your web host is responsible for making sure your server is running and keeping safe all your files and databases. Your website hosting cost will vary depending on the provider. There are free web hosting services; though, we do not recommend them.

What types of Web Hosting are there?

- Internet Service Providers (ISPs): Most people choose this hosting as it is cheap and easy. The limitation is that it can be used only for small websites which expect low traffic.
- Shared Hosting: The Web host company puts several websites into a single physical server. For that reason, if one website is experiencing heavy traffic, it will affect the performance of other websites on the server.
- Virtual Private Servers (VPS): Each website has its own server. It does not share the memory or processor between the websites, so one website doesn't affect the performance of others.
- Dedicated Server Hosting: Unlike VPS, the whole server is allocated to a single website. This hosting is preferred by businesses that require power and security for their websites.
- Domain Hosting: Small businesses prefer this hosting. The domain name can be purchased, and it can be sent to the actual website location.

BEFORE YOU READ

I. Match the words and their synonyms.

A	Access
B	Running
C	Recommend
D	Security
E	Purchase

1		Ongoing
2		Safety
3		Buy
4		Admittance
5		Suggest

LIVEWORKSHEETS

II. Read the following text and mark the statements true (T) or false (F) in the space provided. Then, check with a classmate.

1		Web hosting allows you to create a website.
2		There are free web hosting services.
3		ISPs are the most commonly used type because they are cheap and easy.
4		In VPS, the whole server is allocated to a single website.
5		Domain hosting is preferred by small businesses.

CONTROLLED PRACTICE

Click here to listen

II. Complete the dialogue below with the words from the box. Listen to the audio and check.

UI/UX designer - Web developer - QA - Project architect - Project manager

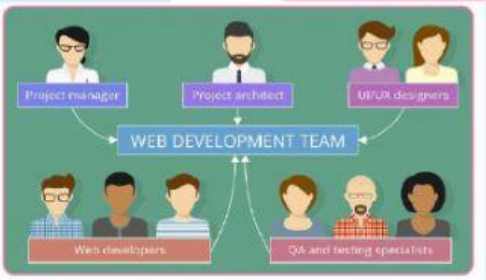
Business owner: Good morning everyone! We have a new team member. He's the new **A)** _____. As you know, he's responsible for delivering the best online user experience.

Team member 1: Nice to meet you! I'm the **B)** _____, responsible for planning, organizing, and directing projects while ensuring they are on time.

Team member 2: Thanks for joining our team! I'm responsible for the coding, design, and layout of a website, a **C)**_____.

Team member 3: Hey! I'm the **D)**_____. I manage the creation of projects from the conceptual design through construction.

Team member 4: Last but not least, I'm the **E)**_____. I ensure that the final product achieves quality standards by giving feedback and problem-solving solutions. Welcome aboard!



LIVEWORKSHEETS