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Q1 What is Figma?

=> Figma is a cloud-based UI/UX design and prototyping tool used to design websites, mobile apps, and digital interfaces.

-> It allows designers and developers to collaborate in real time using a web browser without installing heavy software.

-> Why it widely used in modern UI/UX design.

• Works online in the browser. (No installation required).
• Real-time collaboration like Google Docs.
• Easy developer handoff.

-> Key features :-
    • UI design
    • Developer inspect mode
    • Cross - platform
    • Components & styles.

Q2. Differentiate between Designing and prototyping in Figma.

Designing	Prototyping
Focuses on visual appearance	Focuses on interaction & flow.

Designing	Prototyping
Creates layouts, colors, fonts, icons.	Connects screen with action.
Static screens	Interactive screens
Shows how it looks	Shows how it works.

Real-world UI ex - Food delivery app

Designing - Creates login screen UI
- Add buttons, text fields, colors
- Design home page layout with food cards.

Prototyping - click login → Home screen
click food item → Order Page
Simulate real app navigation.

Q3 What are components and styles in Figma?

2) Components - These are reusable UI elements such as :-
- Buttons
- Navigation bars
- Cards
- Input fields.

When you update a main component, all instances update automatically.

Styles - It defines reusable design properties such as:
- colors
- text styles (font, size)
- effects (shadows)

Q4. Explain Auto - layout in figma?

=) Auto-layout automatically arranges elements based on content and screen size.
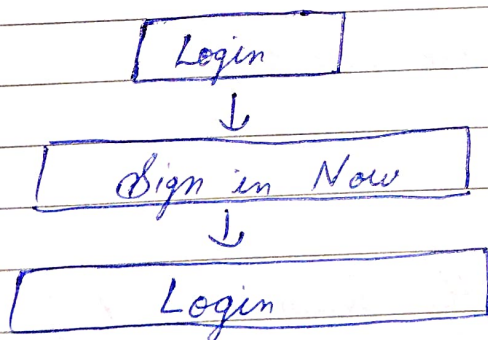
→ What Auto-Layout does?
- Aligns items vertically or horizontally.
- Adjust spacing automatically
- Supports padding and margins.
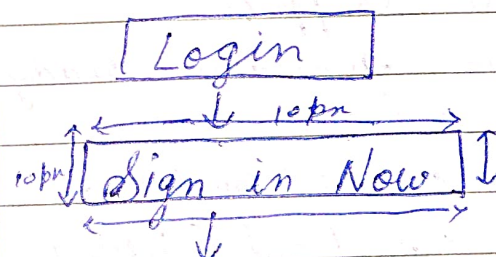
→ How Auto-layout helps responsive design?
- Same design works on mobile, laptop, tablet.
- Button resize when text changes
- Lists grow automatically.
- No need to redisgn for each screen.

Without Auto-Layout	With Auto-Layout
Login	Login
↓	↓ 10px
Sign in Now	10px Sign in Now ↕
↓	↓
Login	Button resize automatically.

Text change breaks layout

Q5 Describe the complete developer handoff process in Figma

⇒ Step-by-Step Developer Handoff.

1. Sharing designs
   → Designers share a view or inspect link.
   → Developers access designs in browser.

2. Inspect Mode (For developers)
   → Developers can view:
      • Dimensions
      • Colors (HEX, RGB)
      • Fonts & sizes
      • Spacing & margins

3. Asset export
   → Icons & images exported as
      • PNG
      • SVG
      • JPG
   → Multiple resolutions (1x, 2x, 3x)

4. Code snippets
   → Figma generates ready-to-use code:
      • CSS
      • iOS (Swift)
      • Android (XML)
   → Developers copy code directly from inspect panel.