TASK 1: CSS GRID INTRODUCTION

1. **What is the difference between a normal div and a grid container?**
   A normal div places items one below another, while a grid container arranges items in rows and columns.
2. **Why does the layout look the same even after applying Grid?**
   Because no rows or columns are defined, so Grid has nothing to arrange.
3. **Are grid items created automatically?**
   Yes, all direct child elements become grid items automatically.
4. **Can Grid work without rows or columns?**
   Yes, but it will look like a normal div.
5. **What do you think Grid needs to show visible changes?**
   Grid needs rows, columns, or spacing to show changes.

ASK 2: GRID CONTAINER – COLUMNS

1. **What does fr stand for?**
   It stands for fraction of available space.
2. **How many columns are created?**
   Three equal columns are created.
3. **What happens when screen size is reduced?**
   The columns shrink to fit the screen.
4. **Do items overflow or adjust?**
   Items adjust automatically.
5. **Why is fr better than px for layouts?**
   Because fr is flexible and works well on all screen sizes.

ASK 3: FIXED vs FLEXIBLE COLUMNS

1. **Which layout breaks faster on small screens?**
   The fixed-width (px) layout breaks faster.
2. **Which layout adjusts automatically?**
   The flexible (fr) layout adjusts automatically.
3. **Why is fixed layout risky?**
   It does not change with screen size.
4. **Where can fixed columns be useful?**
   In sidebars or fixed-size sections.
5. **Which unit would you choose for a responsive website?**
   I would choose the fr unit.

ASK 4: GRID ROWS

1. **What does auto do in grid rows?**
   It adjusts the row height based on content.
2. **Which row grows based on content?**
   The row with auto grows.
3. **Can rows have different heights?**
   Yes, each row can have a different height.
4. **What happens if content is very large?**
   The row becomes taller or content may overflow.
5. **Where are grid rows useful in real layouts?**
   They are useful in headers, content areas, and footers.

TASK 5: GRID GAPS

1. **Where does gap add space?**
   Gap adds space between grid items.
2. **How is gap different from margin?**
   Gap adds space automatically without affecting layout.
3. **Does gap affect container size?**
   No, it only adds space inside the grid.
4. **Can we use gap only for rows or columns?**
   Yes, by using row-gap or column-gap.
5. **Why is gap preferred in Grid layouts?**
   Because it keeps spacing clean and simple.

ASK 6: GRID ITEM – COLUMN SPAN

1. **What are grid lines?**
   They are invisible lines that divide rows and columns.
2. **How many columns does the item span?**
   It spans two columns.
3. **What happens to other items?**
   Other items move to available space.
4. **Can two items overlap?**
   Yes, if they are placed on the same grid area.
5. **Where is column spanning used in websites?**
   It is used in headers, banners, and featured sections.

ASK 7: GRID TEMPLATE AREAS

1. **Why are template areas easy to understand?**
   They show the layout in a simple visual way.
2. **Which section spans full width?**
   The header and footer span full width.
3. **Can we rearrange layout by changing area names?**
   Yes, the layout can be changed easily.
4. **Is this better than column numbers?**
   Yes, it is easier to read and understand.
5. **Where are template areas mostly used?**
   They are mostly used in website page layouts.

TASK 8: AUTO-FIT, MINMAX & RESPONSIVE GRID

1. **What problem does auto-fit solve?**
   It automatically adjusts the number of columns.
2. **Why is minmax important?**
   It prevents items from becoming too small.
3. **Do items shrink too much?**
   No, minmax controls the size.
4. **Is this layout mobile friendly?**
   Yes, it works well on mobile screens.
5. **Why are media queries not needed here?**
   Because Grid handles responsiveness automatically.

TASK 9: 12-COLUMN GRID SYSTEM

1. **Why is 12-column grid popular?**
   Because it divides easily into many layouts.
2. **How does spanning help layout?**
   It allows sections to take different widths.
3. **Where is this system used?**
   It is used in professional and Bootstrap websites.
4. **Can we create layouts without this system?**
   Yes, but this system makes layout easier.
5. **What happens if column count changes?**
   The layout needs to be adjusted.