

HTML TABLE

Q1) Explain the structure of an HTML table and the purpose of each of the following elements: <table>, <tr>, <th>, <td>, and <thead>.

<table> is the main container.

<tr> makes a row.

<th> is for header cells (bold/centered).

<td> is for normal cells.

<thead> groups all header rows at the top.

Q2) What is the difference between colspan and rowspan in tables? Provide examples.

Colspan merges columns (left-right). Example: <td colspan='2'> covers 2 columns.

Rowspan merges rows (up-down). Example: <td rowspan='3'> covers 3 rows.

Q3) Why should tables be used sparingly for layout purposes?

Tables make code messy, slow, and not mobile-friendly.
Better: CSS (Flexbox or Grid).