

Solutions

2.1

- JSON.

2.2

- The value is sent separately from the SQL text.

2.3

- It validates the request and controls the database query.
- It returns an appropriate response to the browser.

3.1

- The SQL structure is fixed by the server.
- User input is supplied as a separate parameter.
- It cannot become part of the SQL command.
- The endpoint can safely search for the requested value.

3.2

- The browser sends a request to a server route.
- The server authenticates and validates the request.
- It runs a parameterised database query.
- It returns the permitted course rows as JSON.