**Requirements**

The response is a blogging platform that allows users to create, view, edit, and delete blog posts

The response uses MySQL for data storage

The response uses React for the frontend with multiple routes

The response includes a Create Post page with a form to add a new blog post with title, content, and author

The response includes a Posts List page that displays all blog posts with options to view details or delete

The response includes a Post Details page that shows full details of a single post with options to edit or delete

The response includes an Edit Post page to update an existing post

The response uses a Node.js backend with Express.js

The response implements APIs with validation

The response ensures correct creation of a new post with required fields

The response ensures correct retrieval of all posts

The response ensures correct retrieval of a single post by its ID

The response ensures correct updating of a post with required fields

The response ensures correct deletion of a post by its ID

The response uses React Router to manage routes including /create, /, /posts/:id, and /posts/:id/edit

The response uses a PostForm component to handle form input for title, content, and author

The response uses a PostList component to display posts with links to details and delete options

The response uses a PostDetails component to show the full content of a single post with edit and delete options

The response uses Axios for API calls

The response uses React hooks (useState, useEffect, useParams, useNavigate) for state and navigation

The response includes basic form validation to ensure title and content are not empty