

# Quiz Questions

## Module 2 | Routing in TinyHouse

1. Within the context of a web application, Routing is the process of navigating users from one location to another with the help of URLs.

- A: True
- B: False

2. Server-side routing has the following advantages.

- A: No white “blinking” state when navigating from route to route.
- B: Initial page load is often faster.
- C: All of the above.
- D: None of the above.

3. Client-side routing has the following advantages.

- A: Navigating between web pages is often faster and requires no page reload.
- B: Search Engine Optimization (SEO) is optimized.
- C: All of the above.
- D: None of the above.

4. Given the following React Router configuration, which component will be rendered if the user navigates to the `/listing` route?

```
const App = () => {
  return (
    <Router>
      <Switch>
        <Route exact path="/" component={Home} />
        <Route exact path="/host" component={Host} />
        <Route exact path="/listing/:id" component={Listing} />
        <Route exact path="/listings/:location?" component={Listings} />
        <Route exact path="/user/:id" component={User} />
        <Route component={NotFound} />
      </Switch>
    </Router>
  );
};
```

- A: `<Home />`
- B: `<Listing />`
- C: `<NotFound />`
- D: None of the above.

5. What is the purpose of the `<Switch />` component in React Router?

- A: It helps render a defined component for a certain specific path.
- B: It makes a redirect to a specified path when rendered in a component.
- C: It is the router component that uses the HTML5 history API to keep UI in sync with the URL.
- D: It renders the first child `<Route />` that matches the location.