

Instructions to GIC Candidate

1. Please check that you have the following:
 - a. Stable WIFI connection
2. You can use the internet to search for solutions
3. If you are stuck on a question, move on to the next one.

GIC Technical Test

Front-end Development - React

60 min

All the best!

Before you proceed, please read the following guide on how to start the project with Hackerrank

Step 1: Run > Install

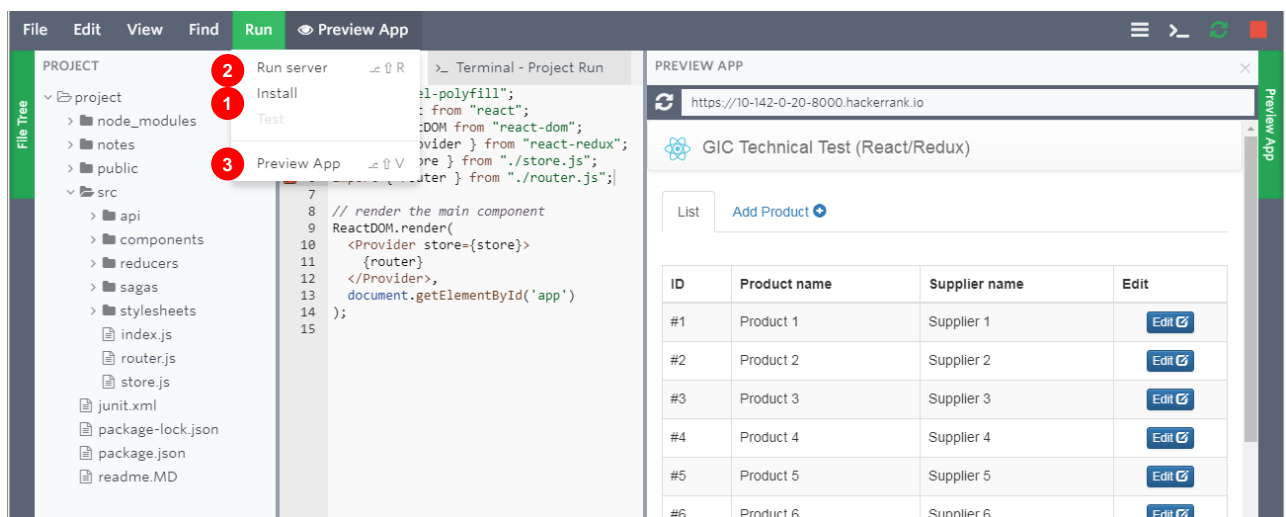
- This will install the node_modules required for the project

Step 2: Run > Run Server

- Wait for this to run for about 10sec or so

Step 3: Run > Preview the app

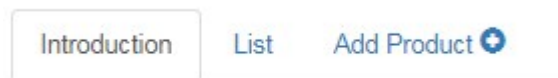
- The app should appear in a preview window



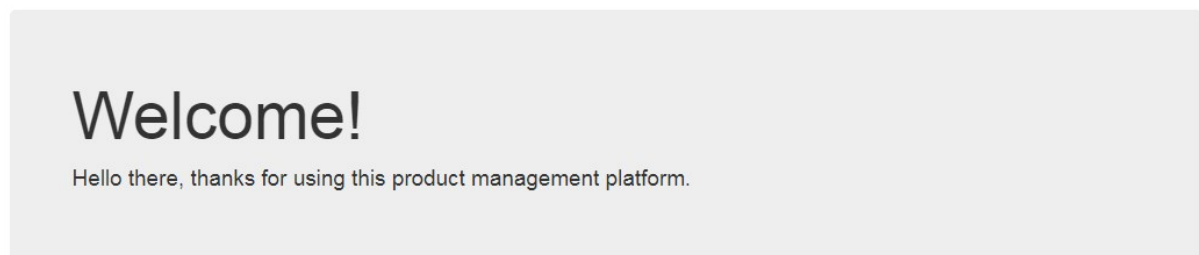
Question 1: Introduction Tab

For this question, you need to create an information tab with the following requirements.

- a. Create an “Introduction” tab (10 Points)



- b. Provide the following content in the tab (10 Points)



(End of Question 1)

Question 2: Product Count

For this question, you need to display the total number of products at the bottom of the product list table with the following requirements.

- a. Count and Display the “Total no. of products” at the bottom-left of the table. (10 Points)

#17	Product 17
#18	Product 18
#19	Product 19

Total no. of products: 19

(End of Question 2)

Question 3: Product Price

For this question, you need to add a “Product Price” data field to the product list table with the following requirements.

- a. Add “Product Price (\$)” data field to the product table. (20 Points)

ID	Product name	Supplier name	Product Price (\$)	Edit
#1	Product 1	Supplier 1	1,100	Edit
#2	Product 2	Supplier 2	1,100	Edit

- b. Ensure that you can add/edit the product price. Eg. in the edit screen: (20 Points)

Edit Product

Product name	<input type="text" value="Product 1"/>
Supplier name	<input type="text" value="Supplier 1"/>
Product Price (\$)	<input type="text" value="1,100"/>

Save Product

(End of Question 3)

Question 4: Form Validation

For this question, you need to do form validation in the product edit screen.

- a. In the product add/edit screen, check that you cannot save products, where the product names that are blank, or purely whitespace.
(30 Points)

Add Product

Product name	<input type="text"/>
Supplier name	<input type="text"/>

Save Product

(End of Question 4)

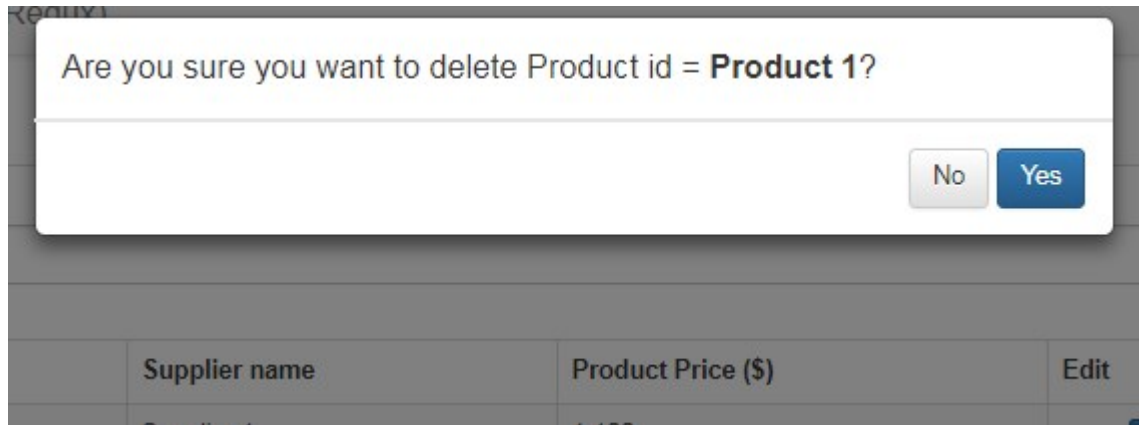
Question 5: Add in a delete function

For this question, you need to allow users to “delete” products from the product list table with the following requirements.

- a. Create delete buttons that look similar to the following. (20 Points)

Search for...					Go!
ID	Product name	Supplier name	Product Price (\$)	Edit	Delete
#1	Product 1	Supplier 1	1,100	Edit	Delete

- b. On clicking the delete button, the user will be prompted with a confirmation message. Here is an example. (30 Points)



(End of Question 5)

Question 6: Create a search component

For this question, you need to add a “Search” component to the product list table with the following requirements.

- a. Create a search component that looks like the following: (20 Points)

<input type="text" value="Search for..."/>					<input type="button" value="Go!"/>
ID	Product name	Supplier name	Product Price (\$)	Edit	Delete
#1	Product 1	Supplier 1	1,100	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

- b. Filter the product listing dynamically. The search should list only the products where the product name contains the search value. (30 Points)

(End of Question 6)