

```

PROBLEMS      OUTPUT      DEBUG CONSOLE    COMMENTS      TERMINAL      PORTS
| o /features          187 B          87.7 kB
| o /login             834 B          95.2 kB
| o /managedeliveries 1.61 kB        89.2 kB
| o /orders            187 B          87.7 kB
| o /payments          187 B          87.7 kB
| o /privacy           187 B          87.7 kB
| o /productpage       3.74 kB        107 kB
| f /productpage/[productDetails] 4.42 kB        136 kB
| o /signup            871 B          95.3 kB
| o /studio/[[...tool]] 1.34 MB        1.46 MB
| o /support           187 B          87.7 kB
| o /terms             187 B          87.7 kB
| o /tutorial          187 B          87.7 kB
| o /works             187 B          87.7 kB
| o /youtube           186 B          87.7 kB
+ First Load JS shared by all 87.5 kB
  L other shared chunks (total) 2.33 kB

o (Static) prerendered as static content
f (Dynamic) server-rendered on demand

```

## 2. Select Vercel for Deployment

Once the code is successfully pushed to the repository, the next step is to select a hosting platform. In this case, we are using **Vercel** for deployment.

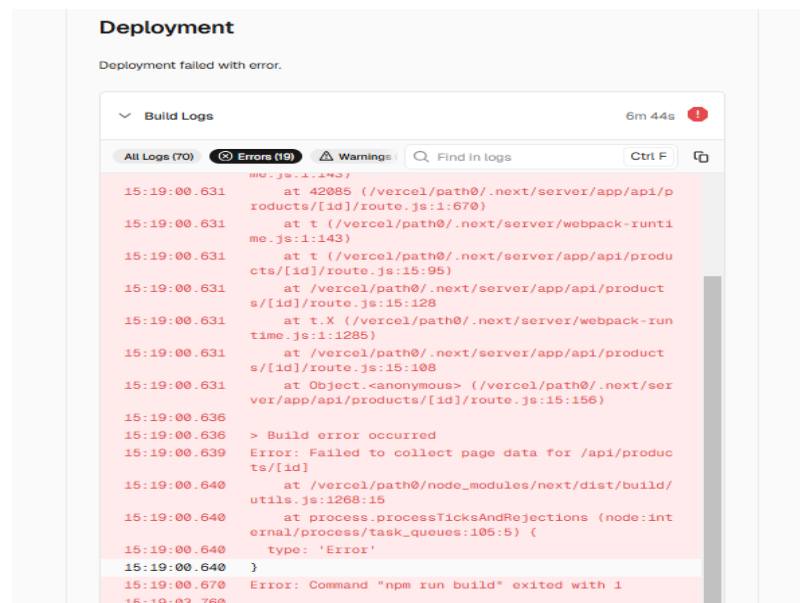
- **Process:**
    - Go to vercel and sign in with your GitHub account.
    - Click on the “New Project” button.
    - Select the repository just pushed code to for deployment.
- 

## 3. Deploy the Application

After selecting the repository, click the "Deploy" button to initiate the deployment process.

- **Error Encountered:**

During the build process, an error appears in the build logs.



#### 4. Identify the Error and Resolve It

By reviewing the build logs, identify the error causing the failure. Typically, errors can be related to missing environment variables, incorrect build settings, or issues in the codebase.

- **Common Issue:**

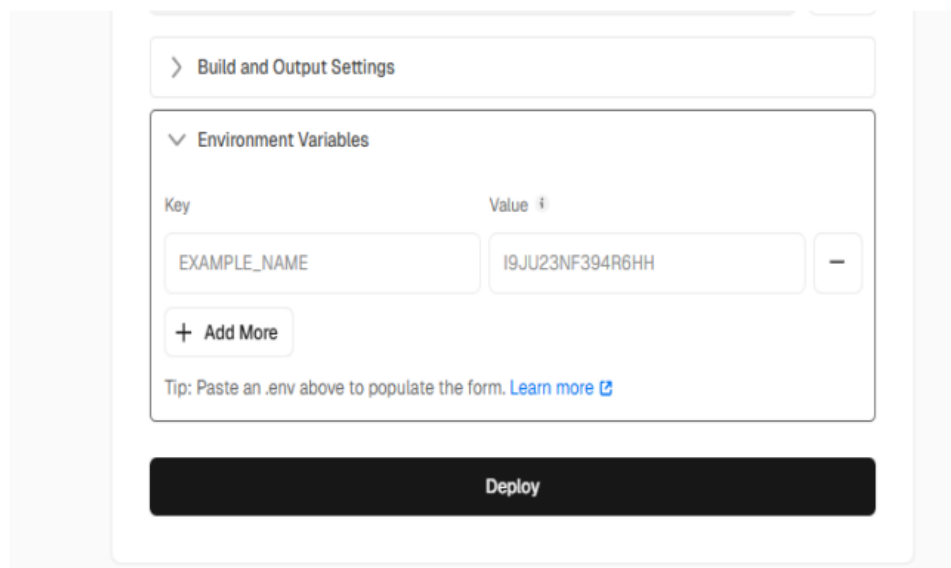
In this case, the error was due to missing environment variables that are required for the app to build and function correctly.

- **Solution:**

Add the necessary environment variables in the Vercel dashboard.

- Go to the **Environment Variables** section in the Vercel settings for your project.
- Add the required variables, such as API keys or configurations, that your app needs to run.

#### Add environment variables



The screenshot shows the 'Add environment variables' interface in the Vercel dashboard. It features a table with two columns: 'Key' and 'Value'. An example entry is shown with the key 'EXAMPLE\_NAME' and the value 'I9JU23NF394R6HH'. Below the table is a '+ Add More' button. At the bottom of the form is a large black 'Deploy' button. A tip at the bottom of the table area says 'Tip: Paste an .env above to populate the form. [Learn more](#)'. The interface is titled 'Add environment variables' in green text at the top.

Key	Value
EXAMPLE_NAME	I9JU23NF394R6HH

+ Add More

Tip: Paste an .env above to populate the form. [Learn more](#)


Deploy

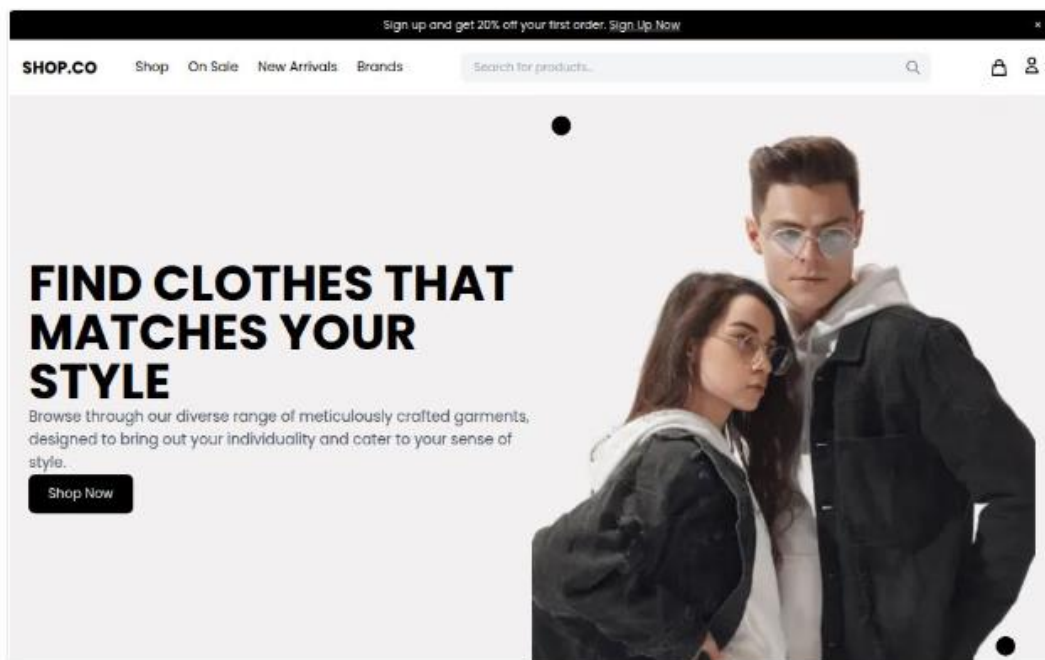
## 5. Successful Deployment

Once the environment variables are added, redeploy the application.

- **Outcome:**  
The deployment process completes successfully, and the application is live on Vercel.

### Congratulations!

You just deployed a new project to  Wasif Soomro's projects.



## Vercel Deployment Testing in csv format

TestCase ID	Description	Steps	Expected Result	Actual Result	Remarks	Status
TC001	Check build time error	Run a command "npm run build"	Successfully Build	Successfully Build	Passed	No Issue Found
TC002	Create a repository and push a code	Open my github account and create a repository and run a require commands	Successfully code pushed to my repository	Successfully code pushed to my repository	Passed	No Issue Found
TC003	Hosting Platform Setup	Login to my vercel Account and linked it to my github account	Successfully linked and show my all github repositories	Successfully linked and show my all github repositories	Passed	No Issue Found
TC004	Deploy a project on vercel	Select my repository and set a project name then click on deploy	Successfully Deployed	Deployment Failed	Failed	Build Logs issues
TC005	Try to identify the errors	Read errors and try to get solution	Find a Solution successfully	Find a Solution successfully	Passed	Wait for Apply
TC006	Redeploy a project on vercel	Redeploy with environment variables	Successfully Deployed	Successfully Deployed	Passed	No Issue Found

### Conclusion:

With these steps, the application has been successfully built, deployed, and is now live on Vercel. The process involved running the build command, creating a repository, pushing the code, resolving deployment errors by adding environment variables, and finally deploying the project successfully.