

Logicblocks by Techlignce Robotics

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1 Introduction

Welcome to the first task of Logicblocks, by now you must have been familiar with the concept of block based programming. So without any further delay lets dig into the the tasks. Completing all the task in this sheet will reward yourself ₹500/-.

Important : All the **underlined** text are **links**, which might not be visible based on your application, so do not forget to click any underlined text throughout the document and make sure to follow the coding standards given in the file.

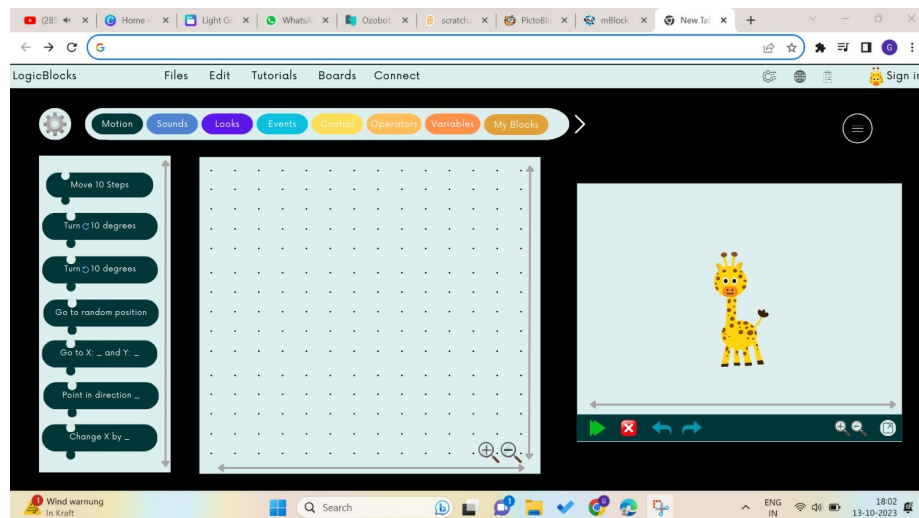


Figure 1: Initial Layout of the web application

2 Header

2.1 Create a Header Component

1. Follow the instructions from the README.md file and start the development server and also understand the file structure of the project.
2. Create a new React component file named `Header.js`.

2.2 Use Material-UI's AppBar for the Header

1. Import Material-UI's AppBar and Toolbar components.
2. Use the AppBar component to create the header bar and use Toolbar to hold the contents.

2.3 Placeholders for Title/Logo and Navigation Menu Items

1. Add a placeholder for the title or logo on one end of the AppBar.
2. Add placeholders for menu items (Files(make a drop-down which will reveal New File, Save File , Load File), Edit, Tutorials, etc.) on the other end. Refer [here](#) to import and use icons, wherever necessary. At this moment the designs are still ongoing so we will just use some non-copyrighted image to start, like the following one.



Figure 2: Logo

At this point the header bar should look something like the following



Figure 3: Header Bar

3 Instructions for Additional Tasks

1. **Replace the Giraffe in the Header Bar:** If you have an image to replace the giraffe, you can simply update the `src` attribute in the `img` tag with the new image path.
2. **Make Sure the Task Bar Looks and Feels Good:** Material-UI gives you a good starting point for this, but you can always add custom CSS to fine-tune the appearance.
3. **Review and Add More Details:** Add a dropdown menu for more options , and implement a dark/light mode toggle .
4. **Nearly done!** Have a look [here](#) and implement this so that header resizes gracefully on different screen sizes.

You can place this `Header.js` file in the `src/components/` directory of project and then import it into your main application file to display the header.

4 Submission

Before submitting do not forget to write down some tests for your code. Done? Then just create a **pull request** and we will quickly give a feedback for your work and compensate as soon as your work gets approved. Best of luck.