

LICHT

A initiative to help the visually- impaired enjoy the world of code



TEAM

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LICHT

CODING IS FOR
EVERYBODY

WHATS OUR AIM?!

Through our project we
aim to help the
visually-impaired start their
journey in the
world of code



How does it work?

STEP 1

The user visits our application and a voice commands greets him with the instruction via voice to proceed



STEP 2

The instruction tells the user to press a button to proceed with the tutorial . For example Press 1 to start tutorial 1



STEP 3

On pressing the button, the tutorial description is read out and the user is told to type the code again via voice



STEP 4

The user then types the program in the editor and presses a button to run. The output or the error is then read to him



Tech Stack

HTML

CSS

BOOTSTRAP

CODEMIRROR

PYTHON

JAVASCRIPT

PYTTSX3

ScreenShots

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Tutorials

Tutorial 1 : Variables in Python

Tutorial 2: Built-in Functions in Python

Tutorial 3: Conditional statements in Python

Tutorial 1

Description

In Python, variables are names, that can be assigned a value, and then used, to refer to that value, throughout your code. Values are assigned to variable names, using a special symbol called, the assignment operator. The = operator, takes the value to the right of the operator, and assigns it to the name on the left. Start typing the following. `greeting = double quotes Hello World double quotes. new line. print bracket greeting bracket` Run your Code now by pressing control + enter

```
1 print(1)
```

Run

Compiler:

THANK YOU