

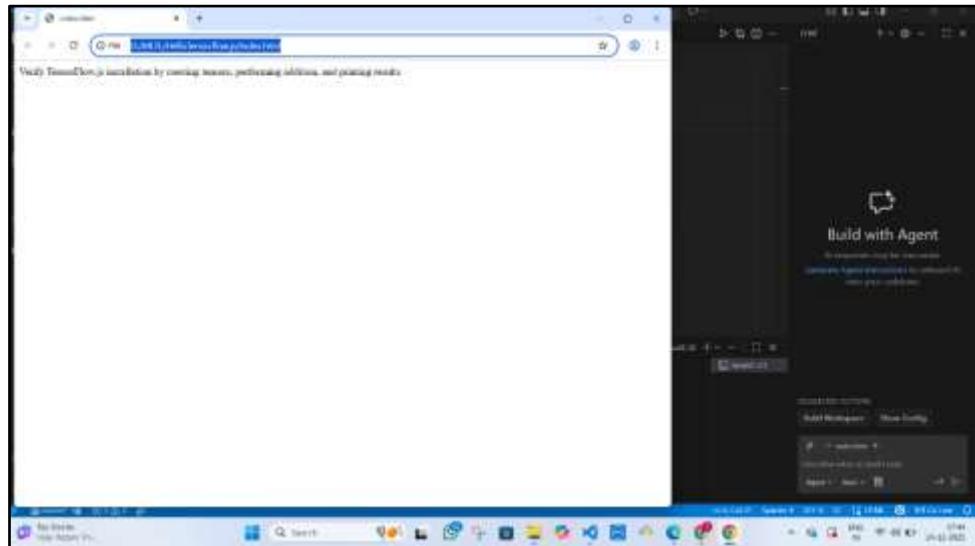
# Prelab

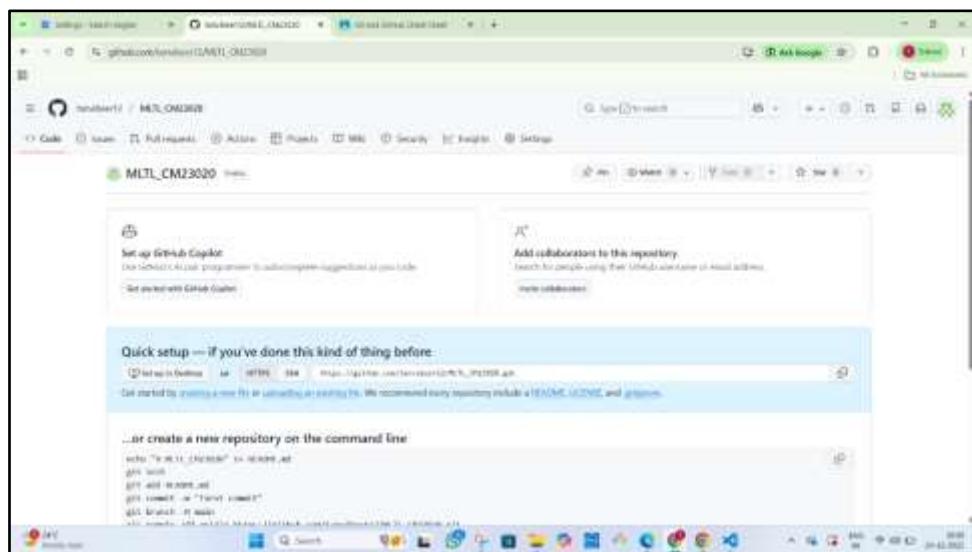
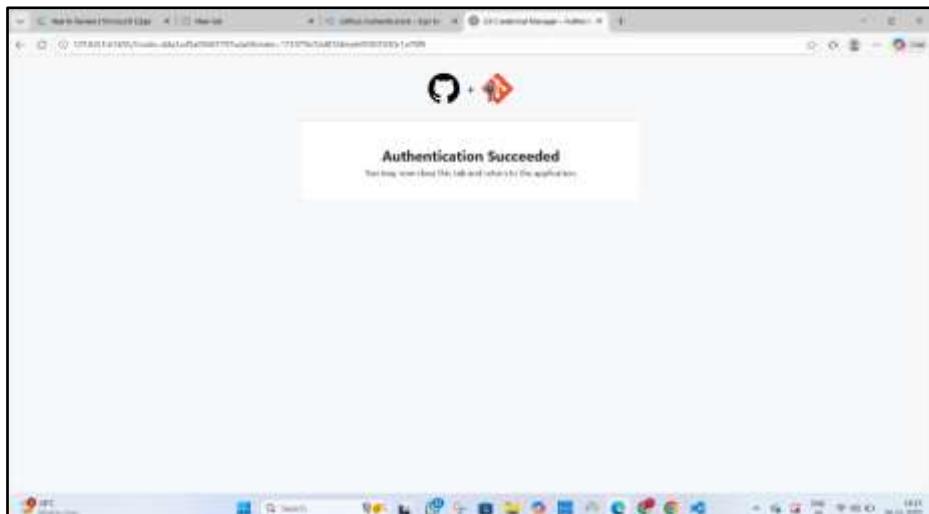
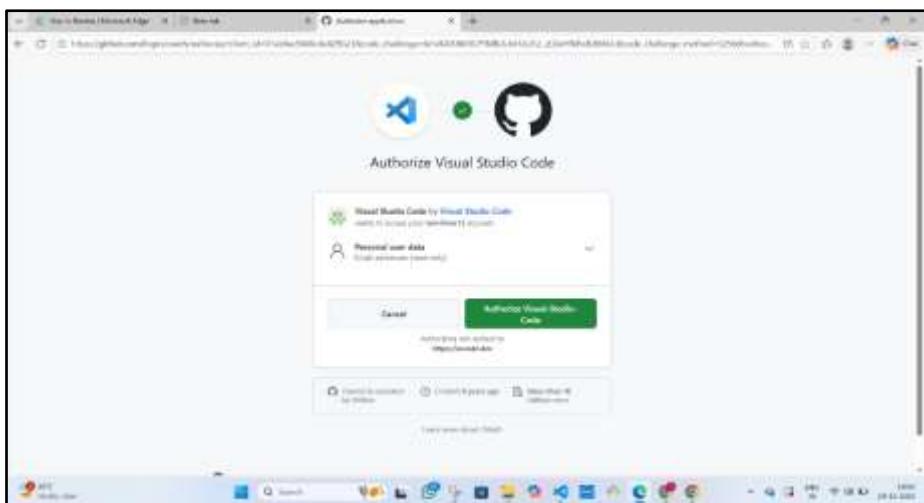
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Machine Learning Tool Lab

HelloTensorflow.js





Verify TensorFlow.js justification by creating tensors, performing addition, and printing results.

```
class Main {
    public static void main(String[] args) {
        // Create tensors
        Tensor x = tf.random([1, 1, 1]);
        Tensor b = tf.zeros([1, 1, 1]);

        // Perform addition
        Tensor y = tf.add(x, b);

        // Print results
        System.out.println(y);
    }
}
```

Solution Explorer

- src/main/java
- src/test/java
- TensorFlow.js

Properties

## Lab assignment 1:

```
public class Main {
    public static void main(String[] args) {
        // Create tensors
        Tensor x = tf.random([1, 1, 1]);
        Tensor b = tf.zeros([1, 1, 1]);

        // Perform addition
        Tensor y = tf.add(x, b);

        // Print results
        System.out.println(y);
    }
}
```

Solution Explorer

- src/main/java
- src/test/java
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Properties

## Lab assignment 2:

```
public class Main {
    public static void main(String[] args) {
        // Create tensors
        Tensor x = tf.random([1, 1, 1]);
        Tensor b = tf.zeros([1, 1, 1]);

        // Perform addition
        Tensor y = tf.add(x, b);

        // Print results
        System.out.println(y);
    }
}
```

Solution Explorer

- src/main/java
- src/test/java
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Properties

## Lab assignment 3:

