

HomeController.apxc

```
public class HomeController {  
    public String selectedConversionType { get; set; }  
  
    public List<SelectOption> getItems() {  
        List<SelectOption> options = new List<SelectOption>();  
        options.add(new SelectOption('Speed Conversions', 'Speed Conversions'));  
        options.add(new SelectOption('Weight Conversions', 'Weight Conversions'));  
        options.add(new SelectOption('Data Conversions', 'Data Conversions'));  
        options.add(new SelectOption('Matrix', 'Matrix'));  
        return options;  
    }  
  
    public PageReference redirectToConversionPage() {  
        if(selectedConversionType == 'Speed Conversions') {  
            return Page.scon; // Assuming 'scon' is a Visualforce page for temperature conversion  
        } else if(selectedConversionType == 'Weight Conversions') {  
            return Page.wcon; // Assuming 'wcon' is a Visualforce page for weight conversion  
        } else if(selectedConversionType == 'Matrix') {  
            return Page.matrixHome; // Assuming 'lengthConversion' is a Visualforce page for length conversion  
        } else if(selectedConversionType == 'Data Conversions') {  
            return Page.dcon; // Assuming 'lengthConversion' is a Visualforce page for length conversion  
        }  
        return null;  
    }  
}
```

HomeController.vfp

```
<apex:page controller="HomeController">  
    <style>
```

```
body {  
    font-family: Arial, sans-serif;  
    background-color: grey;  
    margin: 0;  
    padding: 0;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    height: 100vh;  
}  
  
.container {  
    width: 600px;  
    padding: 20px;  
    background-color: #fff;  
    border-radius: 5px;  
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}  
  
.header {  
    text-align: center;  
    margin-bottom: 20px;  
    color: purple;  
    font-size: 20px;  
}  
  
.select-section {  
    text-align: center;  
    margin-bottom: 20px;  
}  
  
.btn-go {  
    background-color: #007bff;  
    color: #fff;  
    border: none;
```

```
padding: 10px 20px;
border-radius: 5px;
cursor: pointer;
transition: background-color 0.3s ease;
font-size: 16px;
width: 100%;
}
.btn-go:hover {
background-color: #0056b3;
}
</style>
```

```
<apex:form >
  <div class="container">
    <div class="header">
      <h1 style="color: black; font-weight: bold; font-size: 30px">Calculator</h1> <!-- Change
header color -->
      <p>Select Operation Type</p>
    </div>
    <div class="select-section">
      <apex:selectList value="{!selectedConversionType}" label="Conversion Type">
        <apex:selectOptions value="{!items}"/>
      </apex:selectList>
    </div>
    <div style="text-align: center;">
      <apex:commandButton value="Proceed" styleClass="btn-go"
action="{!redirectToConversionPage}"/>
    </div>
  </div>
</apex:form>
</apex:page>
```

wcon.apxc

```
public class wcon{

    public String fromUnit { get; set; }

    public Decimal fromValue { get; set; }

    public String toUnit { get; set; }

    public Decimal convertedValue { get; set; }


    public List<SelectOption> getUnitOptions() {

        List<SelectOption> options = new List<SelectOption>();

        options.add(new SelectOption('Milligrams', 'Milligrams'));

        options.add(new SelectOption('Grams', 'Grams'));

        options.add(new SelectOption('Kilograms', 'Kilograms'));

        options.add(new SelectOption('Tonnes', 'Tonnes'));

        return options;

    }


    public void convert() {

        if (fromUnit == toUnit) {

            convertedValue = fromValue;

            return;

        }


        Decimal result = 0;

        if (fromUnit == 'Milligrams') {

            result = fromValue / 1000;

        } else if (fromUnit == 'Grams') {

            result = fromValue;

        } else if (fromUnit == 'Kilograms') {

            result = fromValue * 1000;

        } else if (fromUnit == 'Tonnes') {

            result = fromValue * 1000000;

        }

    }

}
```

```

    }

    if (toUnit == 'Milligrams') {
        convertedValue = result * 1000;
    } else if (toUnit == 'Grams') {
        convertedValue = result;
    } else if (toUnit == 'Kilograms') {
        convertedValue = result / 1000;
    } else if (toUnit == 'Tonnes') {
        convertedValue = result / 1000000;
    }
}
}
}

```

wcon.vfp

```
<apex:page controller="wcon">
```

```
<apex:form >
```

```
<apex:pageBlock title="Weight Conversion">
```

```
<apex:pageBlockSection columns="1">
```

```
<div class="inputContainer">
```

```
<apex:selectList value="{!fromUnit}" size="1">
```

```
<apex:selectOptions value="{!unitOptions}"/>
```

```
</apex:selectList>
```

```
<apex:inputText value="{!fromValue}" label="Value"/>
```

```
<apex:selectList value="{!toUnit}" size="1">
```

```
<apex:selectOptions value="{!unitOptions}"/>
```

```
</apex:selectList>
```

```
</div>
```

```
</apex:pageBlockSection>
```

```

<apex:pageBlockSection >
    <apex:commandButton value="Convert" action="{!convert}"/>
</apex:pageBlockSection>

<apex:pageBlockSection title="Converted Value" collapsible="false">
    <apex:outputPanel id="outputPanel">
        <apex:outputText value="{0, number, ###0.00}">
            <apex:param value="{!convertedValue}"/>
        </apex:outputText>
    </apex:outputPanel>
</apex:pageBlockSection>
</apex:pageBlock>
</apex:form>
</apex:page>

```

scon.apxc

```

public class scon {
    public String inputValue { get; set; }
    public String selectedConversion { get; set; }
    public String result { get; set; }

    public void convertSpeed() {
        Decimal inputSpeed = Decimal.valueOf(inputValue);
        if (selectedConversion == 'kmphToMph') {
            result = String.valueOf(kmphToMph(inputSpeed)) + ' mph';
        } else if (selectedConversion == 'mphToKmph') {
            result = String.valueOf(mphToKmph(inputSpeed)) + ' km/h';
        } else if (selectedConversion == 'kmToM') {
            result = String.valueOf(kmToM(inputSpeed)) + ' m/s';
        } else if (selectedConversion == 'mToKm') {

```

```

        result = String.valueOf(mToKm(inputSpeed)) + ' km/s';
    }
}

private Decimal kmphToMph(Decimal kmph) {
    return kmph * 0.62137119;
}

private Decimal mphToKmph(Decimal mph) {
    return mph / 0.62137119;
}

private Decimal kmToM(Decimal km) {
    return km * 1000;
}

private Decimal mToKm(Decimal m) {
    return m / 1000;
}
}

scon.vfp
<apex:page controller="scon">
    <apex:form >
        <apex:pageBlock title="Speed Converter">
            <apex:pageBlockSection >
                <apex:inputText value="{!inputValue}" label="Speed"/>
                <apex:selectList value="{!selectedConversion}" size="1" label="Conversion Type">
                    <apex:selectOption itemValue="kmphToMph" itemLabel="km/h to mph"/>
                    <apex:selectOption itemValue="mphToKmph" itemLabel="mph to km/h"/>
                    <apex:selectOption itemValue="kmToM" itemLabel="km/s to m/s"/>
                    <apex:selectOption itemValue="mToKm" itemLabel="m/s to km/s"/>
                </apex:selectList>
            </apex:pageBlockSection>
        </apex:pageBlock>
    </apex:form>
</apex:page>

```

```

        </apex:selectList>

        <apex:commandButton action="{!convertSpeed}" value="Convert"
rerender="resultPanel"/>

    </apex:pageBlockSection>

    <apex:pageBlockSection title="Result" id="resultPanel">

        <apex:outputText value="{!result}"/>

    </apex:pageBlockSection>

</apex:pageBlock>

</apex:form>

</apex:page>

```

MatrixCalcController.apxc

```

public class MatrixCalcController {

    public List<List<Integer>> matrixA { get; set; }
    public List<List<Integer>> matrixB { get; set; }
    public List<List<Integer>> resultMatrix { get; set; }
    public MatrixDeterminantController determinantController { get; set; }

    public MatrixCalcController() {

        // Initialize matrices with default values
        matrixA = new List<List<Integer>>{
            new List<Integer>{0, 0},
            new List<Integer>{0, 0}
        };
        matrixB = new List<List<Integer>>{
            new List<Integer>{0, 0},
            new List<Integer>{0, 0}
        };
        determinantController = new MatrixDeterminantController();
    }
}

```



```
public void addMatrices() {
```

```
    resultMatrix = addOrSubtractMatrices(matrixA, matrixB, true);
```

```
}
```

```
public void subtractMatrices() {
```

```
    resultMatrix = addOrSubtractMatrices(matrixA, matrixB, false);
```

```
}
```

```
public void multiplyMatrices() {
```

```
    if (matrixA[0].size() != matrixB.size()) {
```

```
        ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Number of  
columns in Matrix A must be equal to the number of rows in Matrix B.');
```

```
        return;
```

```
    }
```

```
    resultMatrix = new List<List<Integer>>();
```

```
    for (Integer i = 0; i < matrixA.size(); i++) {
```

```
        resultMatrix.add(new List<Integer>());
```

```
        for (Integer j = 0; j < matrixB[0].size(); j++) {
```

```
            Integer sum = 0;
```

```
            for (Integer k = 0; k < matrixB.size(); k++) {
```

```
                sum += matrixA[i][k] * matrixB[k][j];
```

```
            }
```

```
            resultMatrix[i].add(sum);
```

```
        }
```

```
    }
```

```
}
```

```
public void transposeMatrixA() {
```

```
    resultMatrix = transpose(matrixA);
```

```
}
```

```
public void transposeMatrixB() {  
    resultMatrix = transpose(matrixB);  
}
```

```
public void calculateDeterminant() {  
    determinantController.matrix = matrixA; // Use matrixA or matrixB as per your requirement  
    determinantController.calculate();  
}
```

```
public void inverseMatrixA() {  
    resultMatrix = inverse(matrixA);  
}
```

```
public void inverseMatrixB() {  
    resultMatrix = inverse(matrixB);  
}
```

```
private List<List<Integer>> addOrSubtractMatrices(List<List<Integer>> a, List<List<Integer>> b,  
Boolean isAddition) {  
    List<List<Integer>> result = new List<List<Integer>>();  
    for (Integer i = 0; i < a.size(); i++) {  
        result.add(new List<Integer>());  
        for (Integer j = 0; j < a[0].size(); j++) {  
            Integer val = isAddition ? a[i][j] + b[i][j] : a[i][j] - b[i][j];  
            result[i].add(val);  
        }  
    }  
    return result;  
}
```

```

private List<List<Integer>> transpose(List<List<Integer>> matrix) {
    List<List<Integer>> transposedMatrix = new List<List<Integer>>();
    for (Integer j = 0; j < matrix[0].size(); j++) {
        transposedMatrix.add(new List<Integer>());
        for (Integer i = 0; i < matrix.size(); i++) {
            transposedMatrix[j].add(matrix[i][j]);
        }
    }
    return transposedMatrix;
}

```

```

private List<List<Integer>> inverse(List<List<Integer>> matrix) {
    // Check if the matrix is 2x2
    if (matrix.size() != 2 || matrix[0].size() != 2) {
        ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Inverse can
only be calculated for 2x2 matrices.));
        return null;
    }

```

```

    Integer determinant = matrix[0][0] * matrix[1][1] - matrix[0][1] * matrix[1][0];

```

```

    // Check if determinant is zero
    if (determinant == 0) {
        ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Matrix is
singular, inverse does not exist.));
        return null;
    }

```

```

    Integer factor = 1 / determinant;

```

```

    List<List<Integer>> result = new List<List<Integer>>();

```

```

        result.add(new List<Integer>{
            matrix[1][1] * factor,
            -matrix[0][1] * factor
        });

        result.add(new List<Integer>{
            -matrix[1][0] * factor,
            matrix[0][0] * factor
        });

        return result;
    }
}

```

MatrixCalcController.vfp

```

<apex:page controller="MatrixCalcController">
    <apex:form >
        <apex:pageMessages />

        <apex:pageBlock title="Matrix Calculator">
            <apex:pageBlockSection title="Matrix A" columns="2">
                <apex:inputText value="{!matrixA[0][0]}" style="width: 50px;"/>
                <apex:inputText value="{!matrixA[0][1]}" style="width: 50px;"/>

                <apex:inputText value="{!matrixA[1][0]}" style="width: 50px;"/>
                <apex:inputText value="{!matrixA[1][1]}" style="width: 50px;"/>
            </apex:pageBlockSection>

            <apex:pageBlockSection title="Matrix B" columns="2">
                <apex:inputText value="{!matrixB[0][0]}" style="width: 50px;"/>
                <apex:inputText value="{!matrixB[0][1]}" style="width: 50px;"/>
            </apex:pageBlockSection>
        </apex:pageBlock>
    </apex:form>
</apex:page>

```

```

        <apex:inputText value="{!matrixB[1][0]}" style="width: 50px;"/>
        <apex:inputText value="{!matrixB[1][1]}" style="width: 50px;"/>
    </apex:pageBlockSection>

    <apex:pageBlockButtons location="bottom">
        <apex:commandButton value="Add" action="{!addMatrices}" style="margin-right: 5px;"/>
        <apex:commandButton value="Subtract" action="{!subtractMatrices}" style="margin-right:
5px;"/>
        <apex:commandButton value="Multiply" action="{!multiplyMatrices}" style="margin-right:
5px;"/>

        <apex:commandButton value="Transpose Matrix A" action="{!transposeMatrixA}"
style="margin-right: 5px;"/>
        <apex:commandButton value="Transpose Matrix B" action="{!transposeMatrixB}"
style="margin-right: 5px;"/>

        <apex:commandButton value="Inverse Matrix A" action="{!inverseMatrixA}" style="margin-
right: 5px;"/>
        <apex:commandButton value="Inverse Matrix B" action="{!inverseMatrixB}" style="margin-
right: 5px;"/>

        <apex:commandButton value="Calculate Determinant" action="{!calculateDeterminant}"
style="margin-right: 5px;"/>
    </apex:pageBlockButtons>

    <apex:pageBlockSection title="Result" rendered="{!resultMatrix != null}">
        <apex:repeat value="{!resultMatrix}" var="row">
            <apex:repeat value="{!row}" var="cell">
                <apex:outputText value="{!cell}" style="width: 50px;"/>
            </apex:repeat>
            <br/>
        </apex:repeat>
    </apex:pageBlockSection>

```

```

        <apex:pageBlockSection title="Determinant"
rendered="{!determinantController.showResult}">

            <apex:outputText value="Determinant: {!determinantController.determinant}"/>

        </apex:pageBlockSection>

    </apex:pageBlock>

</apex:form>

</apex:page>

```

DataConversionController.apxc

```

public class DataConversionController {

    public List<SelectOption> unitOptions { get; set; }

    public String selectedFromUnit { get; set; }

    public String selectedToUnit { get; set; }

    public Double inputValue { get; set; }

    public Double convertedValue { get; set; }

    public DataConversionController() {

        unitOptions = new List<SelectOption>();

        unitOptions.add(new SelectOption('bit', 'Bit'));

        unitOptions.add(new SelectOption('byte', 'Byte'));

        unitOptions.add(new SelectOption('kb', 'Kilobyte'));

        unitOptions.add(new SelectOption('mb', 'Megabyte'));

        unitOptions.add(new SelectOption('gb', 'Gigabyte'));

        unitOptions.add(new SelectOption('tb', 'Terabyte'));

    }

    public void convertData() {

        if (selectedFromUnit == null || selectedToUnit == null || inputValue == null) {

            ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, 'Please fill out
all fields.));

            return;

```

```
}
```

```
if (selectedFromUnit.equalsIgnoreCase(selectedToUnit)) {  
    convertedValue = inputValue;  
    return;  
}
```

```
Double result;
```

```
if (selectedFromUnit.equals('bit')) {  
    result = convertFromBit(inputValue, selectedToUnit);  
} else if (selectedToUnit.equals('bit')) {  
    result = convertToBit(inputValue, selectedFromUnit);  
} else {  
    // Convert to bytes first  
    Double bytes = convertToBytes(inputValue, selectedFromUnit);  
    // Then convert from bytes to the target unit  
    result = convertFromBytes(bytes, selectedToUnit);  
}
```

```
convertedValue = result;
```

```
}
```

```
private Double convertToBytes(Double value, String unit) {  
    if (unit.equals('byte')) {  
        return value;  
    } else if (unit.equals('kb')) {  
        return value * 1024;  
    } else if (unit.equals('mb')) {  
        return value * 1024 * 1024;  
    } else if (unit.equals('gb')) {  
        return value * 1024 * 1024 * 1024;  
    }  
}
```

```

    } else if (unit.equals('tb')) {
        return value * 1024 * 1024 * 1024 * 1024;
    }
    return 0.0;
}

```

```

private Double convertFromBytes(Double bytes, String unit) {
    if (unit.equals('byte')) {
        return bytes;
    } else if (unit.equals('kb')) {
        return bytes / 1024;
    } else if (unit.equals('mb')) {
        return bytes / (1024 * 1024);
    } else if (unit.equals('gb')) {
        return bytes / (1024 * 1024 * 1024);
    } else if (unit.equals('tb')) {
        return bytes / (1024 * 1024 * 1024 * 1024);
    }
    return 0.0;
}

```

```

private Double convertFromBit(Double value, String unit) {
    // Convert from bit to bytes first, then to the target unit
    Double bytes = value / 8;
    return convertFromBytes(bytes, unit);
}

```

```

private Double convertToBit(Double value, String unit) {
    // Convert to bytes first, then to bit
    Double bytes = convertToBytes(value, unit);
    return bytes * 8;
}

```



```
}  
}
```

DataConversionController.vfp

```
<apex:page controller="DataConversionController" docType="html-5.0">
```

```
<style>
```

```
body {
```

```
    Arial, sans-serif;
```

```
    background-color: #f2f2f2;
```

```
    0;
```

```
    padding: 0;
```

```
}
```

```
.container {
```

```
    width: 50%;
```

```
    50px auto;
```

```
    background-color: #fff;
```

```
    padding: 20px;
```

```
    border-radius: 10px;
```

```
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
```

```
}
```

```
.form-group {
```

```
    20px;
```

```
}
```

```
.form-group label {
```

```
    font-weight: bold;
```

```
    display: block;
```

```
    5px;
```

```
    color: #333;
```

```
}
```

```
.form-group select {
```

```
    width: 100%;
```

```
padding: 10px;
border: 1px solid #ccc;
border-radius: 5px;
background-color: #fff;
color: #333;
}
.btn {
background-color: #4CAF50;
color: #fff;
border: none;
border-radius: 5px;
padding: 10px 20px;
cursor: pointer;
font-size: 16px;
}
.btn:hover {
background-color: #45a049;
}
.result {
margin-top: 20px;
padding: 10px;
border: 1px solid #ccc;
border-radius: 5px;
background-color: #f9f9f9;
}
</style>
```

```
<div class="container">
  <h2>Data Conversion</h2>
  <apex:form >
    <div class="form-group">
```

```

        <label for="inputValue">Input Value:</label>

        <apex:input type="number" id="inputValue" value="{!inputValue}" required="true"/>
    </div>

    <div class="form-group">

        <label for="selectedFromUnit">From:</label>

        <apex:selectList id="selectedFromUnit" value="{!selectedFromUnit}" required="true">

            <apex:selectOptions value="{!unitOptions}"/>

        </apex:selectList>
    </div>

    <div class="form-group">

        <label for="selectedToUnit">To:</label>

        <apex:selectList id="selectedToUnit" value="{!selectedToUnit}" required="true">

            <apex:selectOptions value="{!unitOptions}"/>

        </apex:selectList>
    </div>

    <div class="form-group">

        <apex:commandButton value="Convert" action="{!convertData}" styleClass="btn"/>
    </div>

    <div class="result">

        <apex:outputPanel rendered="{!convertedValue != null}">

            <p>Value: {!convertedValue}</p>

        </apex:outputPanel>
    </div>

</apex:form>

</div>

</apex:page>

```

TrigonometryCalculatorController.apxc

```

public class TrigonometryCalculatorController {

    public Double inputValue { get; set; }

    public Double sinResult { get; set; }
}

```

```
public Double cosResult { get; set; }

public Double tanResult { get; set; }

public Boolean showSinResult { get; set; }

public Boolean showCosResult { get; set; }

public Boolean showTanResult { get; set; }


public TrigonometryCalculatorController() {

    inputValue = 0.0;

    sinResult = 0.0;

    cosResult = 0.0;

    tanResult = 0.0;

    showSinResult = false;

    showCosResult = false;

    showTanResult = false;

}


public void computeSin() {

    sinResult = Math.sin(inputValue);

    showSinResult = true;

}


public void computeCos() {

    cosResult = Math.cos(inputValue);

    showCosResult = true;

}


public void computeTan() {

    tanResult = Math.tan(inputValue);

    showTanResult = true;

}

}
```

TrigonometryCalculatorController.vfp

```
<apex:page controller="TrigonometryCalculatorController">

    <apex:form >

        <apex:pageBlock title="Trigonometry Calculation">

            <apex:pageBlockSection title="Input Value">

                <apex:inputText value="{!inputValue}" label="Value" styleClass="matrix-input"/>

            </apex:pageBlockSection>

            <div style="text-align: center;" class="calculate-button">

                <center>

                    <apex:commandButton action="{!computeSin}" value="Calculate Sin"
rerender="sinResultPanel" styleClass="calculate-button"/>

                    <apex:commandButton action="{!computeCos}" value="Calculate Cos"
rerender="cosResultPanel" styleClass="calculate-button"/>

                    <apex:commandButton action="{!computeTan}" value="Calculate Tan"
rerender="tanResultPanel" styleClass="calculate-button"/>

                </center>

            </div>

        </apex:pageBlock>

        <apex:outputPanel id="sinResultPanel">

            <apex:outputPanel rendered="{!showSinResult}">

                <apex:pageBlock title="Sin Result">

                    <apex:outputPanel layout="block" style=" 10px;">

                        <div class="matrix-row">

                            <div class="matrix-cell">

                                Sin: {!sinResult}

                            </div>

                        </div>

                    </apex:outputPanel>

                </apex:pageBlock>

            </apex:outputPanel>

        </apex:outputPanel>

    </apex:form>

</apex:page>
```

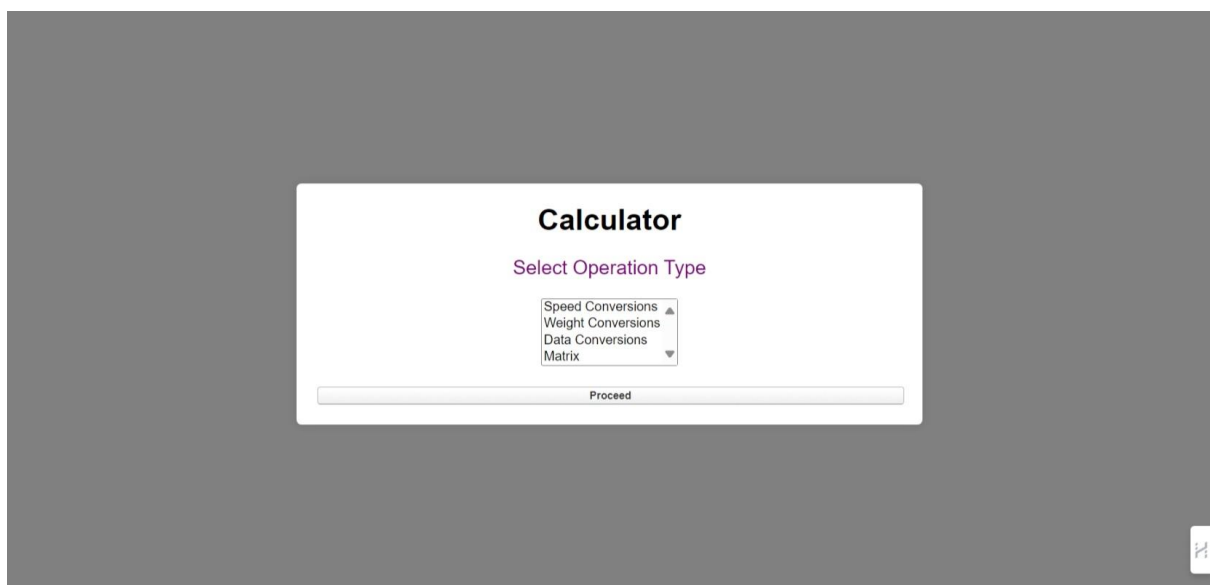
```
<apex:outputPanel id="cosResultPanel">
  <apex:outputPanel rendered="{!showCosResult}">
    <apex:pageBlock title="Cos Result">
      <apex:outputPanel layout="block" style=" 10px;">
        <div class="matrix-row">
          <div class="matrix-cell">
            Cos: {!cosResult}
          </div>
        </div>
      </apex:outputPanel>
    </apex:pageBlock>
  </apex:outputPanel>
</apex:outputPanel>
```

```
<apex:outputPanel id="tanResultPanel">
  <apex:outputPanel rendered="{!showTanResult}">
    <apex:pageBlock title="Tan Result">
      <apex:outputPanel layout="block" style=" 10px;">
        <div class="matrix-row">
          <div class="matrix-cell">
            Tan: {!tanResult}
          </div>
        </div>
      </apex:outputPanel>
    </apex:pageBlock>
  </apex:outputPanel>
</apex:outputPanel>
</apex:form>
```

```
<style>
```

```
.matrix-input {  
    width: 30px;  
}  
  
.matrix-row {  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}  
  
.matrix-cell {  
    padding: 5px 10px;  
    border: 1px solid #ccc;  
    5px;  
}  
  
</style>  
</apex:page>
```

KAUSHAL BORKAR, SHIHSIR NARKHEDE



ADITYA SHINGOTE, ASHISH PANDEY, PRATIK MANJARE

Speed Converter

Speed

12

Conversion Type

km/h to mph

Convert

Result

7.45645428 mph



PIYUSH TAMBE, SANYAM KUDALE

Weight Conversion

Milligrams

Value

134

Kilograms

Convert

Converted Value

0.00



DHRUV GAGARE, GUNJAN NARKHEDE, DNYANESHWAR ALGULE

Data Conversion

Input Value:

100.0

From:

Bit

Byte

Kilobyte

Megabyte

Gigabyte

Terabyte

To:

Bit

Byte

Kilobyte

Megabyte

Gigabyte

Terabyte

Convert

Value: 0.000095367431640625



MALASHA RATHOD

Matrix Calculator

▼ Matrix A

1

1

2

2

▼ Matrix B

1

1

2

2

▼ Result

2

2

4

4

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



SANIKA CHAVAN

Matrix Calculator

▼ Matrix A

6

7

9

2

▼ Matrix B

1

1

2

2

▼ Result

5

6

0

7

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



DHANASHREE THOMBARE

Matrix Calculator

▼ Matrix A

6

7

9

2

▼ Matrix B

1

1

2

2

▼ Result

20

20

13

13

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



SAKSHI GULAVE

Matrix Calculator

▼ Matrix A

6

7

9

2

▼ Matrix B

1

1

2

2

▼ Result

6

9

2

7

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



AKANSHA THEURKAR

Matrix Calculator

▼ Matrix A

6

7

9

2

▼ Matrix B

1

1

2

2

▼ Result

1

2

2

1

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



Matrix Calculator

▼ Matrix A

6

7

9

2

▼ Matrix B

1

1

2

2

▼ Result

0

0

0

0

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



!

Error:

Matrix is singular, inverse does not exist.

Matrix Calculator

▼ Matrix A

6

7

9

2

▼ Matrix B

1

1

2

2

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



MENKA KHANDARE

Matrix Calculator

▼ Matrix A

6

7

9

2

▼ Matrix B

1

1

2

2

▼ Determinant

Determinant: -51

Add

Subtract

Multiply

Transpose Matrix A

Transpose Matrix B

Inverse Matrix A

Inverse Matrix B

Calculate Determinant



SWARALI DESHPANDE

Trigonometry Calculation

▼ Input Value

Value

0.5

Calculate Sin

Calculate Cos

Calculate Tan

Sin Result

Sin: 0.479425538604203

Cos Result

Cos: 0.8775625618903728

Tan Result

Tan: 0.5463024898437905