```
cbolat@DESKTOP-EIJM40P:/mnt/c/Users/cemal/Desktop/08laps/lab def$ make
----------------------------------------
Removing compiled files...
----------------------------------------
Compiling...
----------------------------------------
Running the program....
========================================================================
./lab06
Enter the element [0][0] of the matrix: 1
Enter the element [0][1] of the matrix: 2
Enter the element [0][2] of the matrix: 3
**************************************
Enter the element [1][0] of the matrix: 4
Enter the element [1][1] of the matrix: 5
Enter the element [1][2] of the matrix: 6
**************************************
Enter the element [2][0] of the matrix: 7
Enter the element [2][1] of the matrix: 8
Enter the element [2][2] of the matrix: 9
**************************************
1.0000  2.0000  3.0000
4.0000  5.0000  6.0000
7.0000  8.0000  9.0000
**************************************
Error: the matrix is not invertible.
**************************************
```

```
Enter the coordinates of the first vector: 0 1 0
****************************************
Enter the coordinates of the second vector: 1 0 0
****************************************
The Degree between the vectors is : 90.00
The coordinates of the orthogonal vector: 0.00 0.00 -1.00
****************************************
Please enter the coefs of first polynomial in order (4,5,1,2 for exp.): 0 0 0 1
Please enter the coefs of second polynomial in order (4,5,1,2 for exp.): 0 0 0 1
Please enter the interval that is used in integral (a, b): 0 2
****************************************
Integration of two polynomial: 18.29
================================================================================
[SUCCESS] Completed tests....
```

```
cbolat@DESKTOP-EIJM40P:/mnt/c/Users/cemal/Desktop/08laps/lab def$ make
----------------------------------------
Removing compiled files...
----------------------------------------
Compiling...
----------------------------------------
Running the program....
================================================================================
./lab06
Enter the element [0][0] of the matrix: 4
Enter the element [0][1] of the matrix: 1
Enter the element [0][2] of the matrix: 6
**************************************
Enter the element [1][0] of the matrix: 6
Enter the element [1][1] of the matrix: 5
Enter the element [1][2] of the matrix: 8
**************************************
Enter the element [2][0] of the matrix: 0
Enter the element [2][1] of the matrix: 2
Enter the element [2][2] of the matrix: 0
**************************************
4.0000  1.0000  6.0000
6.0000  5.0000  8.0000
0.0000  2.0000  0.0000
**************************************
-2.0000 1.5000  -2.7500
0.0000  0.0000  0.5000
1.5000  -1.0000 1.7500
**************************************
Enter the coordinates of the first vector: 6 2 0
**************************************
Enter the coordinates of the second vector: 1 2 3
**************************************
The Degree between the vectors is : 65.00
The coordinates of the orthogonal vector: 6.00 -18.00 10.00
**************************************
Please enter the coefs of first polynomial in order (4,5,1,2 for exp.): 2 2 3 1
Please enter the coefs of second polynomial in order (4,5,1,2 for exp.): 4 4 0 0
Please enter the interval that is used in integral (a, b): 0 1
**************************************
Integration of two polynomial: 27.47
================================================================================
[SUCCESS] Completed tests....
```