ASSIGNMENT 1:

NAME: Karanveer Singh ROLl NUMBER: 1024200002

QUE1: Developa Menudrivenprogramtodemonstrate the followingoperations of

Arrays

——MENU——- 1.CREATE

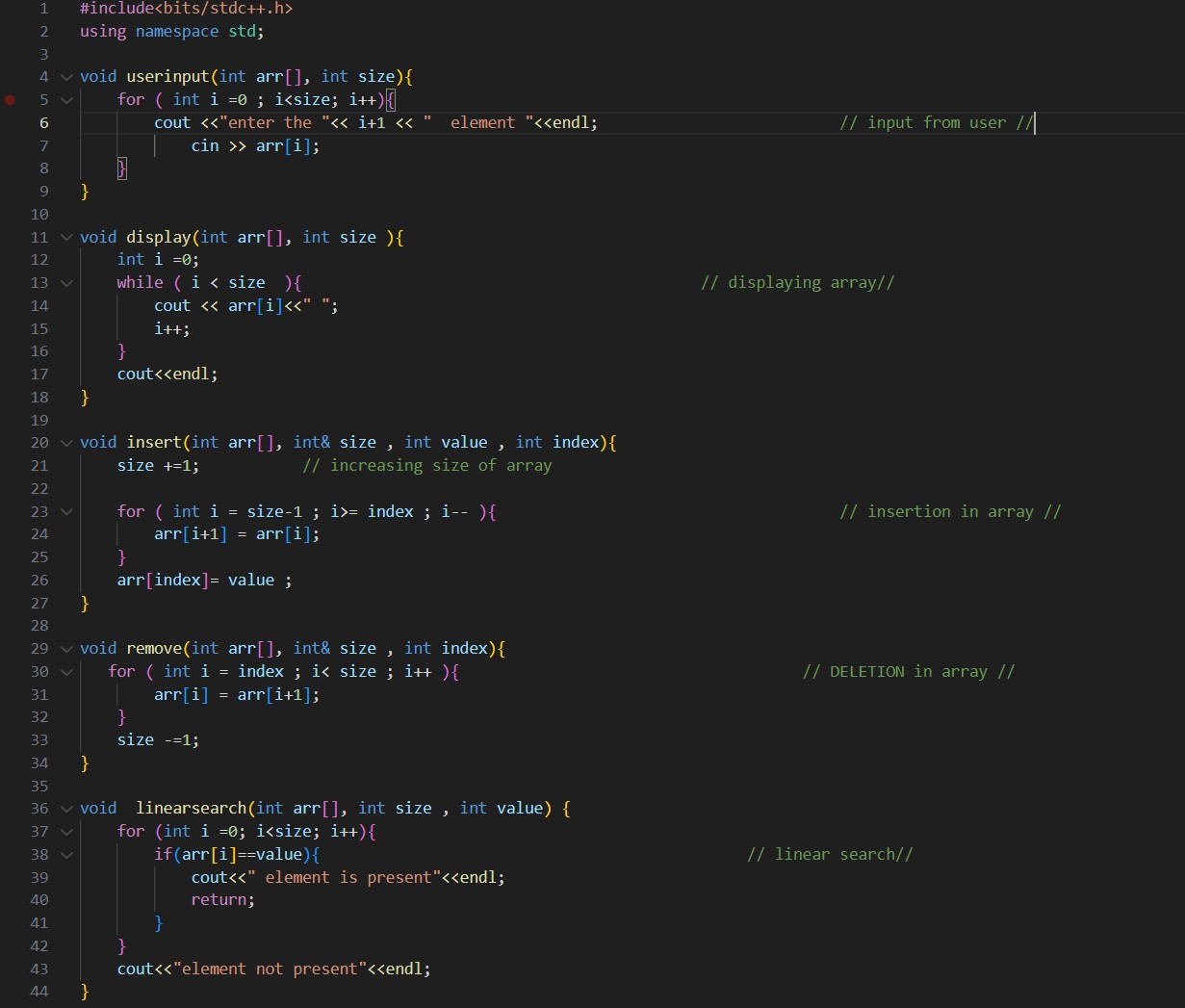
2.DISPLAY

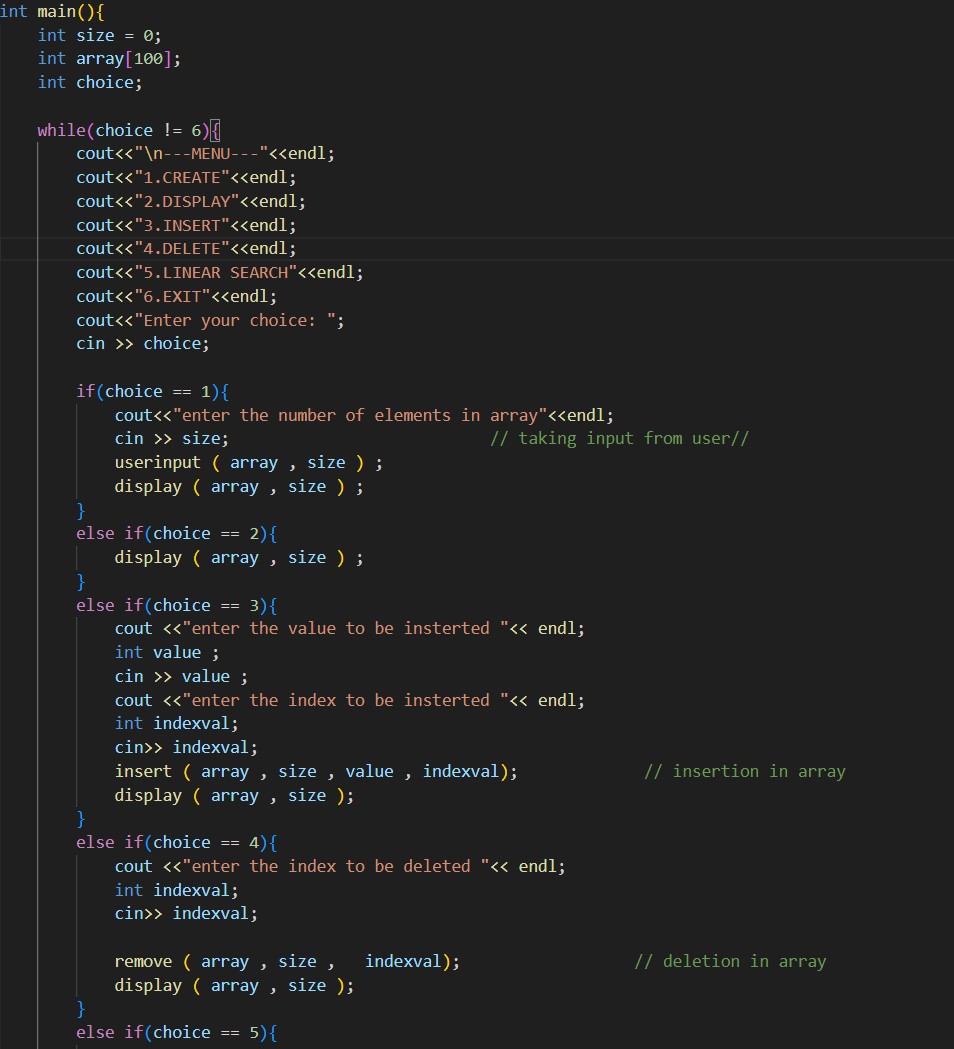
3.INSERT

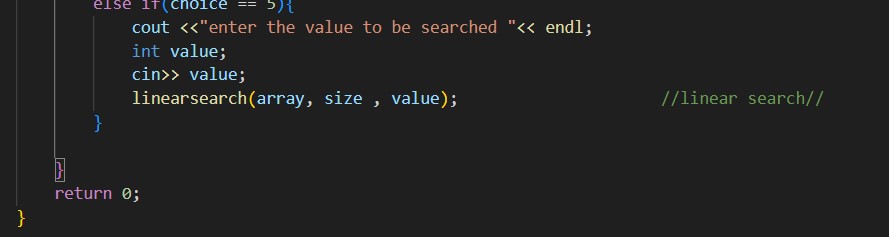
4.DELETE

5.LINEAR SEARCH

6.EXIT CODE:

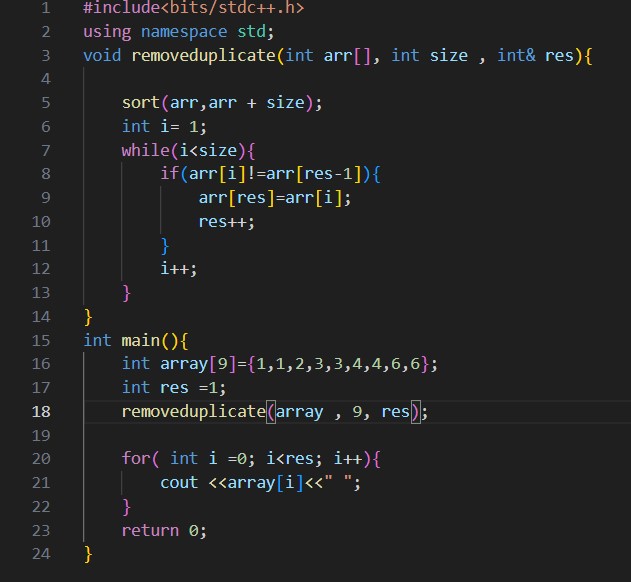






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QUE2: Design the logic to remove the duplicate elements from an Array and after the deletion the array should contain the unique elements. CODE:





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QUE3: Predict the Output of the following program int main() { int i; int arr[5] = {1}; for (i = 0; i < 5; i++) printf("%d",arr[i]); return 0;

}

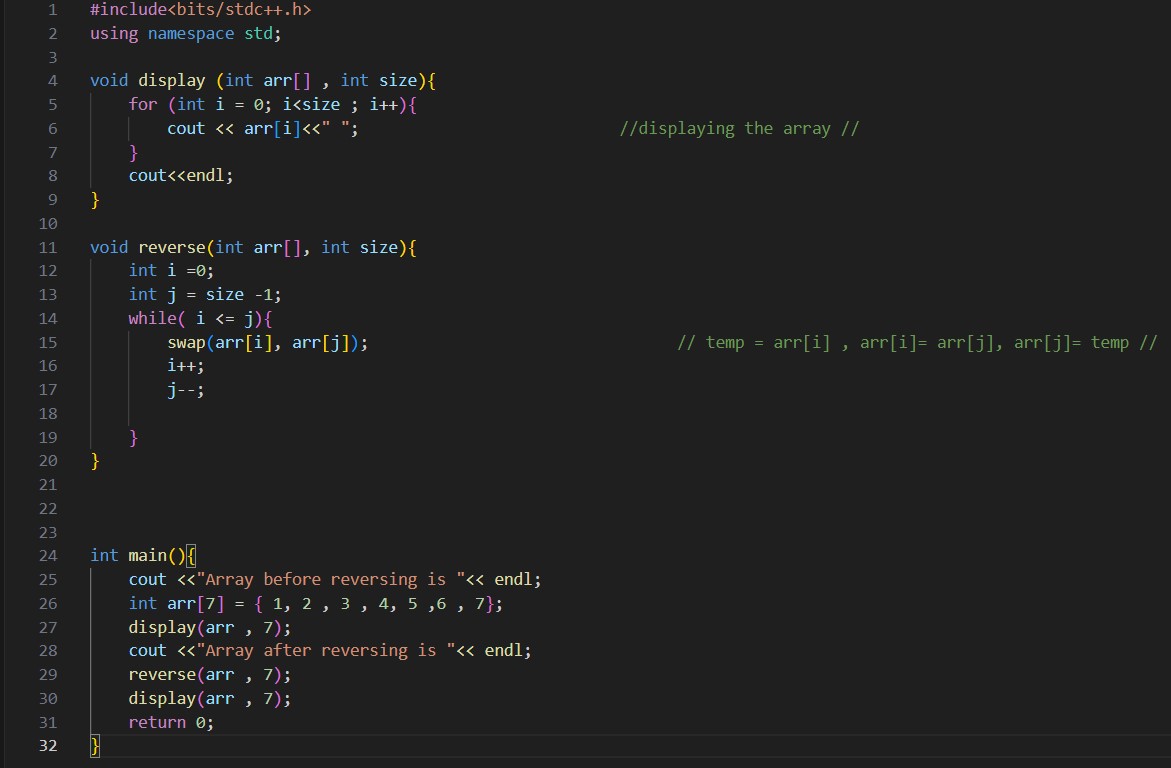
SOL: {1,0,0,0,0}

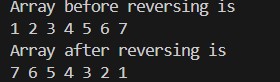
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QUE4: Implement the logic to

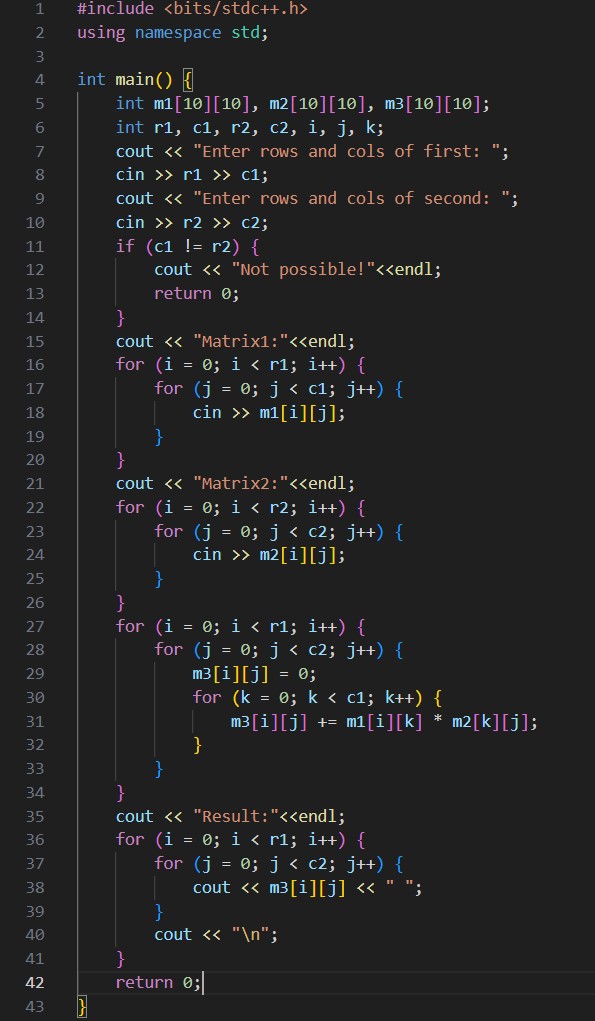
1. Reverse the elements of an array
2. Find the matrix multiplication
3. Find the Transpose of a Matrix

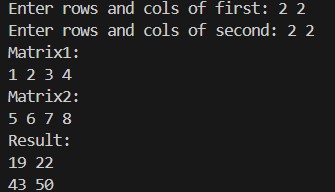
CODE A:



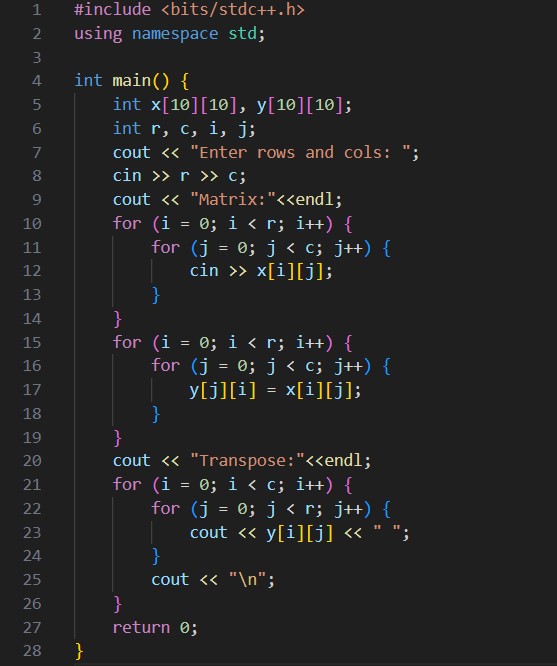


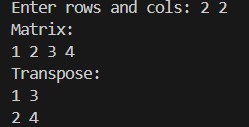
CODE B:





CODE C:

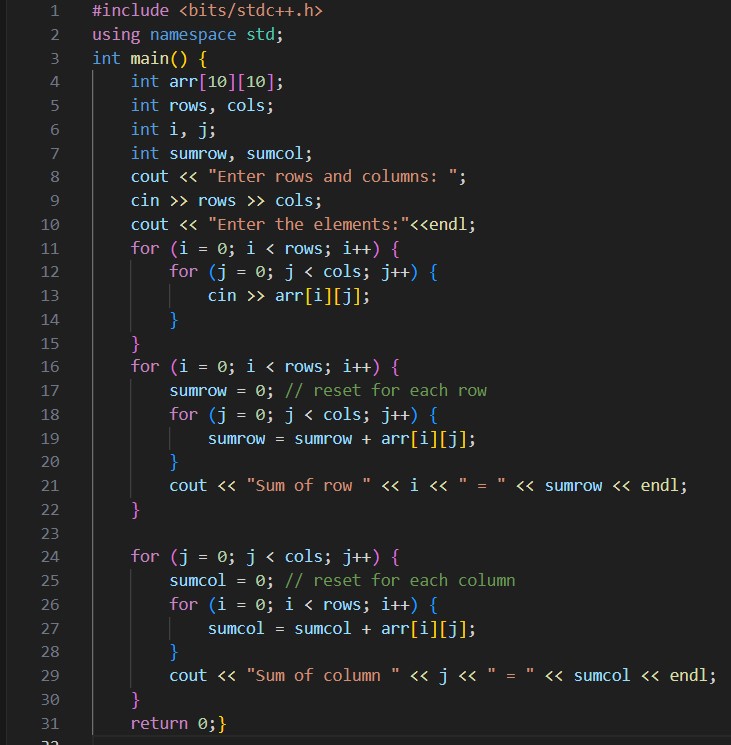


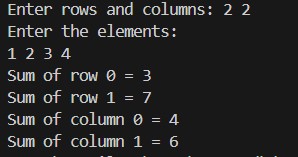


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QUE5: Write a program to find sum of every row and every column in a twodimensional array.

CODE:





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