

Program 1: WAP to take character array as input , but only print characters do not print special characters

Input: a b \$ % c & d 1 e

Output : a b c d e

Hint: you can take two arrays

Program 2: WAP to find the common elements between two arrays.

Input :

Enter first array :

1 2 3 5

Enter Second array

2 1 9 8

Output:

1 2

Program 3: WAP to find the number of even and odd integers in a given array of integers

Input:

1 2 5 4 6 7 8

Output:

Number of Even Elements :

4

Number of Odd Elements :

3

Program 4: Write a Java program to find the sum of even and odd numbers in an array. Display the sum value.

Example:-

Array = {11, 12, 13, 14, 15}

Odd numbers sum = 39

Even numbers sum = 26

Program 5: Write a Java program to merge two given arrays.

Array1 = [10, 20, 30, 40, 50]

Array2 = [9, 18, 27, 36, 45]

Output : Merged Array = [10, 20, 30, 40, 50, 9, 18, 27, 36, 45]

Program 6: WAP to remove a specific element from an array.

Input:

1 2 4 5 6

Enter element to remove : 4

Output: 1 2 5 6

Program 7: WAP to take input from the user into an array and remove duplicate numbers.

Input:

1 2 2 3 3 3 4 4 5

Output: 1 2 3 4 5

Program 8 : WAP to Take input from the user and find an armstrong number in the array.

Input:

1 5 22 65 153 371

Output:

1 5 153

Program 9: Take any number from the user and find a pair in an array which sums match to that number.

E.g int arr[6]={2,4,1,6,8,5}

input :

10

output :

index 0 , index 4

Program 10: WAP to Take a number as input, put that number into an array i.e one digit per array block, and print the number of trailing zeros in that array.

Input from user:

10900

Output: Number of trailing zeros: 2

2 D Arrays

Program 1: Write a program to create a 2x2 2d array of integer elements. And print all elements from a 2d array (take hardcoded values in array)

Output : 1 2 3 4

Program 2: Write a program to create a 2x2 2d array of integer elements. Insert values from user And print all elements from a 2d array

Input: 1 2 3 4

Output : 1 2 3 4

Program 3: Write a program to create a (row x column) 2d array of integer elements.

Take the number of rows and columns values from the user. Insert the values from user and print accordingly

Input: Enter number of Rows = 2

Enter number of Column = 2

Enter elements in the array :

1 2 3 4

Output: 1 2 3 4

Program 4: Write a program to create a (row x column) 2d array of integer elements.

Take the number of rows and columns values from the user. And print a 2d array of odd numbers starting from 1

Input:

Enter number of Rows = 2

Enter number of Column = 2

Output: 1 3 5 7

Input:

Enter number of Rows = 3

Enter number of Column = 2

Output: 1 3 5 7 9 11

Program 5: Write a program to create a row x column 2d array of integer elements. Take the number of rows and columns values from the user. And print a 2d array of numbers which are multiples of 10.

Input:

Enter number of Rows = 2

Enter number of Column = 2

Output: 10 20 30 40

Input: Enter number of Rows = 3

Enter number of Column = 2

Output: 10 20 30 40 50 60

Program 6: Write a program to create a row x column 2d array of integer elements. Take the number of rows and columns values from the user. And print a 2d array of palindrome numbers (exclude single digit)

Input: Enter number of Rows = 2 Enter number of Column = 2

Output: 11 22 33 44

Input: Enter number of Rows = 3 Enter
number of Column = 2

Output: 11 22 33 44 55 66

Program 7: Write a program to create a 2d array of integer elements. Take the number of rows and columns values from the user. And print a 2d array of numbers whose first digit is N, take the N value from the user.

Input:

Enter number of Rows = 2

Enter number of Column = 2

Enter value of N = 3

Output: 3 30 31 32

Input: Enter number of Rows = 3

Enter number of Column = 2

Enter value of N = 4

Output: 4 41 42 43 44 45

Program 8: Write a program to create a 2d array of integer elements. Take the number of rows and columns values from the user. And print a 2d array of numbers

whose last digit ends with N, take the N value from the user.

Input:

Enter number of Rows = 2

Enter number of Column = 2

Enter value of N = 3

Output: 3 13 23 33

Input: Enter number of Rows = 3

Enter number of Column = 2

Enter value of N = 4

Output: 4 14 24 34 44 54