

ARRAY

Programs:

1. Write a simple example to transpose a matrix converting rows of a matrix into columns and columns of a matrix into row

1 2

3 4

2. Write a Java program to reverse a string from "Ram Kumar" into "ramuK maR".

3. Write a program to check whether two given Arrays are equal, given both contains same data type and same length ?

1 2 1 3

3 4 2 4

4. Guess the output of the below program:

```
public class Test{  
static void printArray(int arr[]){  
for(int i=0;i<arr.length;i++)  
System.out.println(arr[i]);  
}
```

```
public static void main(String args[]){  
    printArray(new int[]{10,22,44,66});  
}
```

Theory:

1. What is an Array?
2. How do you declare an Array in java?
3. Can you declare an Array without Array size?
4. Can you change size of array once created?