**package** Question7;

//Separate 0's and 1's in an array (Approach-2) Page

**public** **class** SeparateZerosAndOnes {

**static** **void** segregate0and1(**int** arr[], **int** n)

{

**int** count = 0;

**for** (**int** i = 0; i < n; i++) {

**if** (arr[i] == 0)

count++;

}

**for** (**int** i = 0; i < count; i++)

arr[i] = 0;

**for** (**int** i = count; i < n; i++)

arr[i] = 1;

}

**static** **void** print(**int** arr[], **int** n)

{

System.***out***.print("Array after segregation is ");

**for** (**int** i = 0; i < n; i++)

System.***out***.print(arr[i] + " ");

}

**public** **static** **void** main(String[] args)

{

**int** arr[] = **new** **int**[]{ 0, 1, 0, 1, 1, 1 };

**int** n = arr.length;

*segregate0and1*(arr, n);

*print*(arr, n);

}

}