```java
/**
* Q 1 ) Write a Java program to count strings and integers from an array.
*/


public class count{

public static void main(String[] args) {
String arr[]={"Pokemon","22","11","33","Raj"};
int countNumber=0,countString=0;
for(int i=0; i<arr.length; i++)
{
try
{
int j=Integer.parseInt(arr[i]);
countNumber++;
}
catch(NumberFormatException e)
{
countString++;
}
}

System.out.println("Number of Strings in array :"+(countString));
System.out.println("Number of Integers in array :"+(countNumber));

}

}
```

Output :

```
Number of Strings in array :2
Number of Integers in array :3
```

```java
/**
* Q 2) Write a Java program to merge two one dimensional arrays
*/
public class merge {
public static void main(String[] args) {

int arr1[] = {1,2,3,4,5};
int arr2[] = {6,7,8,9,10};
int mergedArray[] = new int[10];

System.out.println("Array 1:\n");
printArray(arr1);
System.out.println("Array 2:\n");
printArray(arr2);


//adding arr1
for(int i=0;i<arr1.length;i++)
{
mergedArray[i]=arr1[i];
}

//adding arr2

for (int i=0 ;i<arr2.length;i++)
{
mergedArray[arr1.length+i]=arr2[i];

}
//merged array
System.out.println("Merged array :");
printArray(mergedArray);
}
public static void printArray(int[] a)
{
for (int i=0;i<a.length;i++)
{
System.out.println(a[i]+"\t");
}}}
```

Output:

Array 1:

1
2
3
4

```
5
Array 2:

6
7
8
9
10
Merged array :
1
2
3
4
5
6
7
8
9
10
```

P.T.O.

```java
/**
*
* Q 3) Write a Java program to get sub string from a given string
*/

public class substring {

public static void main(String[] args) {
String str1="JAVA Program";
System.out.println("String :"+str1);
System.out.println("Substring :"+str1.substring(0,4));
}
}
```

Output:

```
String :JAVA Program
Substring :JAVA
```