



ass_22_july.java



Saved

```
1  import java.util.*;
2  public class Main
3  {
4      public static boolean check(String st, int low
5      {
6          if (low >= high) {
7              return true;
8          }
9
10         if (st.charAt(low) != st.charAt(high)) {
11             return false;
12         }
13
14         return check(st, low + 1, high - 1);
15     }
16
17     public static void main(String[] args)
18     {
19         Scanner sc= new Scanner(System.in);
20         System.out.println("enter string:");
21         String st=sc.nextLine();
22
23         if (check(st, 0, st.length() - 1)) {
24             System.out.println("Author:K.Sai Teja \nSA
25             System.out.print(" It is palindrome ");
26         } else {
27             System.out.print("It is Not Palindrome");
28         }
29     }
30 }
```

✕ Terminal



```
enter string:
abcba
Author:K.Sai Teja
SAP ID:51834609
It is palindrome
Process finished.
|
```



ass_22_july.java



Saved

```
1  import java.util.*;
2
3  class BubbleSort
4  {
5      public static void swap(int[] arr, int a, int
6      {
7          int temp = arr[a];
8          arr[a] = arr[b];
9          arr[b] = temp;
10     }
11
12     public static void sort(int[] arr, int m)
13     {
14         for (int a = 0; a < m - 1; a++) {
15             if (arr[a] > arr[a + 1]) {
16                 swap(arr, a, a + 1);
17             }
18         }
19         if (m - 1 > 1) {
20             sort(arr, m - 1);
21         }
22     }
23
24     public static void main(String[] args)
25     {
26         int[] arr = { 3,7,4,9,2,0,6,3,8 };
27
28         sort(arr, arr.length);
29
30         System.out.println("Author:K.Sai Teja \n SAP
31         System.out.println(Arrays.toString(arr));
32     }
33 }
```

Terminal



```
Author:K.Sai Teja
SAP ID:51834609
[0, 2, 3, 3, 4, 6, 7, 8, 9]

Process finished.
```



count odd.java



Saved

```
1 import java.util.*;
2 public class Main
3
4     public static void main (String[] args)
5     {
6         System.out.println("Author : K. Sai Teja");
7         System.out.println("SAP : 51834609");
8         int count=0;
9         int a=0 ;
10        Scanner sc=new Scanner(System.in);
11        System.out.println("enter number :");
12        int n= sc.nextInt();
13        while(n>0)
14        {
15            a=n%10;
16            if(a%2!=0)
17            {
18                count++;
19            }
20            n=n/10;
21
22        }
23        System.out.println("the entered number consis
24
25    }
26
```

✕ Terminal



```
Author : K. Sai Teja
SAP : 51834609
enter number :
537625
the entered number consists 4 odd digits in
Process finished.
```