



hospital.java



Saved

```
1  import java.util.*;
2  public class Main
3  {
4      public static void main (String[] args)
5      {
6          System.out.println("Author :G s s pavan\n SA
7          int count=0;
8          int rem=0 ;
9          Scanner sc=new Scanner(System.in);
10         System.out.println("enter a number :");
11         int n= sc.nextInt();
12         while(n>0)
13         {
14             rem=n%10;
15             if(rem%2!=0)
16             {
17                 count++;
18             }
19             n=n/10;
20         }
21         System.out.println("no of odd digits in numb
22
23
24     }
25 }
```





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```
1 ;
2
3
4 id main (String[] args)
5
6 ntln("Author :G s s pavan\n SAP ID:51834699");
7
8
9 Scanner(System.in);
10 ntln("enter a number :");
11 Int();
12
13
14
15
16
17
18
19
20
21
22 ntln("no of odd digits in number are : "+count);
23
24
25
```



Author :G s s pavan

SAP ID:51834699

enter a number :

5678

no of odd digits in number are : 2

Process finished.

|



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```
1 public class Main
2 {
3     public static boolean isPalindrome(String st
4     {
5         if (low >= high) {
6             return true;
7         }
8
9         if (string.charAt(low) != string.charAt(
10            return false;
11        }
12
13        return isPalindrome(string, low + 1, hig
14    }
15
16    public static void main(String[] args)
17    {
18        String string = "madam";
19
20        if (isPalindrome(string, 0, string.lengt
21            System.out.println("Author:G s s pav.
22            System.out.print("given String is Pa
23        } else {
24            System.out.print("given String is No
25        }
26    }
27 }
```





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```
1
2
3  n isPalindrome(String string, int low, int high)
4
5  {
6
7
8
9  t(low) != string.charAt(high)) {
10 ;
11
12
13  ome(string, low + 1, high - 1);
14
15
16  ain(String[] args)
17
18  "madam";
19
20  (string, 0, string.length() - 1)) {
21  rintln("Author:G s s pavan \nSAP ID:51834699");
22  rint("given String is Palindrome");
23
24  rint("given String is Not Palindrome");
25
26
27
```





Terminal



```
Author:G s s pavan  
SAP ID:51834699  
given String is Palindrome  
Process finished.
```

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```
1  import java.util.Arrays;
2
3  class Main
4  {
5      public static void swap(int[] arr, int a, int b)
6      {
7          int temp = arr[a];
8          arr[a] = arr[b];
9          arr[b] = temp;
10     }
11
12     public static void bubbleSort(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             bubbleSort(arr, m - 1);
21         }
22     }
23
24     public static void main(String[] args)
25     {
26         int[] arr = { 5, 1, 7, 9, 8, 0, 2 };
27
28         bubbleSort(arr, arr.length);
29
30         System.out.println("Author:G s s pavan \n");
31         System.out.println(Arrays.toString(arr));
32     }
33 }
```





hospital.java



Saved

```
1  ays;
2
3
4
5  id swap(int[] arr, int a, int b)
6
7  rr[a];
8  [b];
9  p;
10
11
12 id bubbleSort(int[] arr, int m)
13
14 0; a < m - 1; a++) {
15 a] > arr[a + 1]) {
16 (arr, a, a + 1);
17
18
19 1) {
20 rt(arr, m - 1);
21
22
23
24 id main(String[] args)
25
26 { 5, 1, 7, 9, 8, 0, 2 };
27
28 rr, arr.length);
29
30 rprintln("Author:G s s pavan \n SAP ID:51834699");
31 rprintln(Arrays.toString(arr));
32
33
```





Terminal



Author:G s s pavan

SAP ID:51834699

[0, 1, 2, 5, 7, 8, 9]

Process finished.



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