

B. Dakshayani_july_21

Java assignment

3rd question answer

```
1
2 import java.util.*;
3 public class Pattern0
4 {
5     public static void main (String[] args)
6     {
7         System.out.println("Host name:Dakshayani\nSap:");
8         int count=0;
9         int rem=0 ;
10        Scanner sc=new Scanner(System.in);
11        System.out.println("Enter a number :");
12        int n= sc.nextInt();
13        while(n>0)
14        {
15            rem=n%10;
16            if(rem%2==0)
17            {
18                count++;
19            }
20            n=n/10;
21        }
22        System.out.println("No.of even digits in the given number are : "+count);
23    }
24 }
25
26 }
```

✕ Terminal



```
Host name:Dakshayani
Sap:ID:51834500
Enter a number :
357842
No.of even digits in the given number are : 3
Process finished.
```

5th question answer



```
← patternrn.java Saved ↗ ⋮
1
2 import java.util.Scanner;
3 class patternrn
4 {
5     public static void main(String args[])
6     {
7         int k=0;
8         Scanner sc=new Scanner(System.in);
9         System.out.println("Host name:Dakshayani\nsap");
10        System.out.println("Enter the size of array :");
11        int size=sc.nextInt();
12        while(size<1)
13        {
14            System.out.println("Enter a valid size : ");
15            size=sc.nextInt();
16        }
17        int arr[]=new int[size];
18        int arr2[]=new int[size];
19        System.out.println("Enter "+size+" elements :");
20        for(int i=0;i<size;i++)
21        {
22            arr[i]=sc.nextInt();
23        }
24        for(int i=0;i<size;i++)
25        {
26            int rev=0;
27            int temp=arr[i];
28            while(temp>0)
29            {
30                rev=rev*10+(temp%10);
31                temp=temp/10;
32            }
33            if(rev==arr[i])
34            {
35                arr2[k++]=arr[i];
36                for(int j=i;j<size-1;j++)
37                {
38                    arr[j]=arr[j+1];
39                }
40                size--;
41                i--;
42            }
43        }
44        for(int i=0;i<size;i++)
45        {
46            System.out.print(arr[i]+" ");
47        }
48        System.out.println("Pal : ");
49    }
50 }
```



```

patternrn.java
Saved

14     System.out.println("Enter a valid size : ");
15     size=sc.nextInt();
16 }
17 int arr[]=new int[size];
18 int arr2[]=new int[size];
19 System.out.println("Enter "+size+" elements :");
20 for(int i=0;i<size;i++)
21 {
22     arr[i]=sc.nextInt();
23 }
24 for(int i=0;i<size;i++)
25 {
26     int rev=0;
27     int temp=arr[i];
28     while(temp>0)
29     {
30         rev=rev*10+(temp%10);
31         temp=temp/10;
32     }
33     if(rev==arr[i])
34     {
35         arr2[k++]=arr[i];
36         for(int j=i;j<size-1;j++)
37         {
38             arr[j]=arr[j+1];
39         }
40         size--;
41         i--;
42     }
43 }
44 for(int i=0;i<size;i++)
45 {
46     System.out.print(arr[i]+" ");
47 }
48 System.out.print("\nPal : ");
49 for(int i=0;i<k;i++)
50 {
51     System.out.print(arr2[i]+" ");
52 }
53 }
54 }

```

```

patternrn.java
Saved

X Terminal

Host name:Dakshayani
Sap:id:51834500
Enter the size of array :
4
Enter 4 elements :
37
33
46
99
37 46
Pal : 33 99
Process finished.

```

1st question answer



Edit with WPS Office

```
Website.java
Saved

1
2 interface Website
3 {
4     String name = "Dakshayani";
5     String space = "10gb";
6     String domain = "XYZ.com";
7     String active = "Yes";
8     int no_of_visit = 4;
9     public void purpose() throws Exception;
10 }
11 class Anywebsite implements Website
12 {
13     /* This class must have to implement both the at
14      * else you will get compilation error
15      */
16     public void purpose()
17     {
18         System.out.println("Name : "+name);
19         System.out.println("Space : "+space);
20         System.out.println("Domain : "+domain);
21         System.out.println("Active : "+active);
22         System.out.println("no_of_visit : "+no_of_visit);
23     }
24     public static void main(String arg[])
25     {
26         System.out.println("Host name:Dakshayani\nSAP
27         try{
28             Website web = new Anywebsite();
29             web.purpose();
30         }
31         catch(Exception e){
32             e.printStackTrace();
33         }
34     }
35 }

X Terminal

Host name:Dakshayani
SAP ID:51834500
Name : Dakshayani
Space : 10gb
Domain : XYZ.com
Active : Yes
no_of_visit : 4

Process finished.
```

Day-4 Quiz marks

Marks:12.50



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