



test1.java



Saved

```
1 // 1 question//
2 import java.util.Scanner;
3 import java.util.InputMismatchException;
4 class Calculator
5 {
6
7     public void add(float a,float b, float c)
8     {
9         System.out.println(a+"+"+b+"+"+c+"="+(a+b+c));
10    }
11    public void add(float a,float b)
12    {
13        System.out.println(a+"+"+b+"="+(a+b));
14    }
15
16
17    public void subtract(float a,float b, float c)
18    {
19        System.out.println(a+"-"+b+"-"+c+"="+(a-b-c));
20    }
21    public void subtract(float a,float b)
22    {
23        System.out.println(a+"-"+b+"="+(a-b));
24    }
25
26
27    public void product(float a,float b)
28    {
29        System.out.println(a+"*"+b+"="+(a*b));
30    }
31
32
33    public void division(float a,float b)
34    {
35        System.out.println(a+"/"+b+"="+(a/b));
36    }
37 }
38 public class Main
39 {
40     public static void main (String[] args) {
41         Calculator cal=new Calculator();
42         Scanner sc=new Scanner(System.in);
43         System.out.println("Author: B.devi priya");
44         try
45         {
46             System.out.println("1. ADD\n2. SUBTRACT\n3. PRODUCT\n4. DIVISION\n5. EXIT");
47             int op=sc.nextInt();
```

Try Dcoder's keyboard





Terminal



Author: B.devi priya

SAP ID:51834491

1. ADD

2. SUBTRACT

3. MULTIPLICATION

4. DIVISION

5. EXIT

Enter your choice:

1

Enter operand 1: 45

Enter operand 2: 54

Enter operand 3(if you want. else enter 0):

45.0+54.0=99.0

Process finished.

× Terminal



```
Author:B.devi priya  
SAP ID:51834491  
given String is Palindrome  
Process finished.
```



```
//2 question //
public class Main
{
    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 = "ghiHg";
19
20         if (isPalindrome(string, 0, string.lengt
21             System.out.println("Author:B.devi pr
22             System.out.print("given String is Pa
23         } else {
24             System.out.print("given String is No
25         }
26     }
27 }
28 }
```



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```
1 //3 question //
2 import java.util.*;
3 public class Main
4 {
5     public static void main (String[] args)
6     {
7         System.out.println("Author :B.devi priya \n");
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 odd digits in numb");
23
24    }
25 }
26
```

File info



× Terminal



Author :B.devi priya

SAP ID:51834491

Enter a number :

54

no of odd digits in number are ; 1

Process finished.





Terminal



Author:B.devi priya

SAP ID:51834491

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

Process finished.



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```
// 5 question //
import java.util.Arrays;

4 class Main
5 {
6     public static void swap(int[] arr, int a, int b)
7     {
8         int temp = arr[a];
9         arr[a] = arr[b];
10        arr[b] = temp;
11    }
12
13    public static void bubbleSort(int[] arr, int m)
14    {
15        for (int a = 0; a < m - 1; a++) {
16            if (arr[a] > arr[a + 1]) {
17                swap(arr, a, a + 1);
18            }
19        }
20        if (m - 1 > 1) {
21            bubbleSort(arr, m - 1);
22        }
23    }
24
25    public static void main(String[] args)
26    {
27        int[] arr = { 5, 1, 7, 9, 8, 0, 2 };
28
29        bubbleSort(arr, arr.length);
30
31        System.out.println("Author: B. devi priya\");
32        System.out.println(Arrays.toString(arr));
33    }
34 }
```

