



ccs.java 

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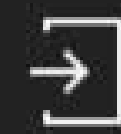
```
1  import java.util.Scanner;
2  import java.util.InputMismatchException;
3  class Calculator
4  {
5
6      public void add(float a, float b, float c)
7      {
8          System.out.println(a+" "+b+" "+c+"="+(a+b+c));
9      }
10     public void add(float a, float b)
11     {
12         System.out.println(a+" "+b+"="+(a+b));
13     }
14
15
16     public void subtract(float a, float b, float c)
17     {
18         System.out.println(a+"-"+b+"-"+c+"="+(a-b-c));
19     }
20     public void subtract(float a, float b)
21     {
22         System.out.println(a+"-"+b+"="+(a-b));
23     }
24
25
26     public void product(float a, float b)
27     {
28         System.out.println(a+"*"+b+"="+(a*b));
29     }
30
31
32     public void division(float a, float b)
33     {
34         System.out.println(a+"/"+b+"="+(a/b));
35     }
36 }
37 public class Main
38 {
39     public static void main (String[] args) {
40         Calculator cal=new Calculator();
41         Scanner sc=new Scanner(System.in);
42         System.out.println("Author:M.bha")
```

⋮ File info ⓘ





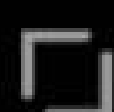
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```
44      {
45          System.out.println("1. ADD\n2. SUBT
46          int op=sc.nextInt();
47          switch(op)
48          {
49              case 0:
50                  System.out.println("Exit...
51                  System.exit(0);
52                  break;
53              case 1:
54                  System.out.print("Enter ope
55                  float add1=sc.nextFloat();
56                  System.out.print("Enter ope
57                  float add2=sc.nextFloat();
58                  System.out.print("Enter ope
59                  float add3=sc.nextFloat();
60                  if(add3==0)
61                  {
62                      cal.add(add1, add2);
63                  }
64                  else
65                  {
66                      cal.add(add1, add2, add
67                  }
68                  break;
69              case 2:
70                  System.out.print("Enter oper
71                  float sub1=sc.nextFloat();
72                  System.out.print("Enter ope
73                  float sub2=sc.nextFloat();
74                  System.out.print("Enter ope
75                  float sub3=sc.nextFloat();
76                  if(sub3==0)
77                  {
78                      cal.subtract(sub1, sub2
79                  }
80                  else
81                  {
82                      cal.subtract(sub1, sub2
83                  }
84                  break;
85              case 3:
86                  System.out.print("En
87                  float mul1=sc.nextFlo
88                  System.out.print("En
```

File info ⓘ



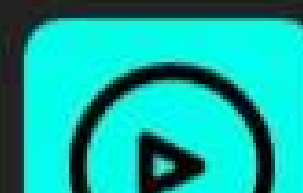


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```
79     },
80     else
81     {
82         cal.subtract(sub1, sub2, sub3);
83     }
84     break;
85     case 3:
86         System.out.print("Enter operand 1: ");
87         float mul1=sc.nextFloat();
88         System.out.print("Enter operand 2: ");
89         float mul2=sc.nextFloat();
90         cal.product(mul1,mul2);
91         break;
92     case 4:
93         System.out.print("Enter operand 1: ");
94         float div1=sc.nextFloat();
95         System.out.print("Enter operand 2: ");
96         float div2=sc.nextFloat();
97         if(div2==0)
98         {
99             throw new ArithmeticException("Number
100         }
101         cal.division(div1,div2);
102         break;
103     default:
104         System.out.println("Invalid choice: ");
105
106
107     [InputMismatchException ime)
108
109     stem.out.println("You have entered input of wrong type");
110
111     ArithmeticException ae)
112
113     stem.out.println(ae.getMessage());
114
115
116
```





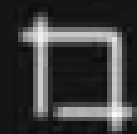
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```
1 public class Main
2 {
3     public static boolean isPalindrome(String str)
4     {
5         if (low >= high) {
6             return true;
7         }
8
9         if (string.charAt(low) != string.charAt(high)) {
10             return false;
11         }
12
13         return isPalindrome(string, low + 1, high - 1);
14     }
15
16     public static void main(String[] args)
17     {
18         String string = "madam";
19
20         if (isPalindrome(string, 0, string.length() - 1)) {
21             System.out.println("Author:M baharth");
22             System.out.print("given String is Palindrome");
23         } else {
24             System.out.print("given String is Not Palindrome");
25         }
26     }
27 }
```

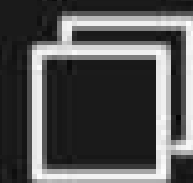




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Terminal



Author:M baharth

SAP ID:51834556

given String is Palindrome

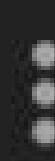
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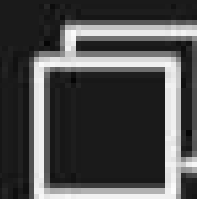
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```
1  import java.util.*;
2  public class Main
3
4      public static void main (String[] args)
5      {
6          System.out.println("Author :M.bharath \n SAP
7          int count=0;
8          int rem=0 ;
9          Scanner sc=new Scanner(System.in);
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         }
22         System.out.println("no of odd digits in numbe
23
24     }
25
```

x Terminal



Author :M.bharath

SAP ID:51834556

enter a number :

2

no of odd digits in number are ; 0

Process finished.