Java_assignment1.java

Saved

```
import java.util.Scanner;
import java.util.InputMismatchException;
class Calculator
{

    public void add(float a,float b, float c)
    {
        System.out.println(a+"+"+b+"+"+c+"="+(a+b+c));
    }
    public void add(float a,float b)
    {
        System.out.println(a+"+"+b+"="+(a+b));
    }


    public void subtract(float a.float b. float c)
```

Try Dcoder's keyboard

Java_assignment1.java

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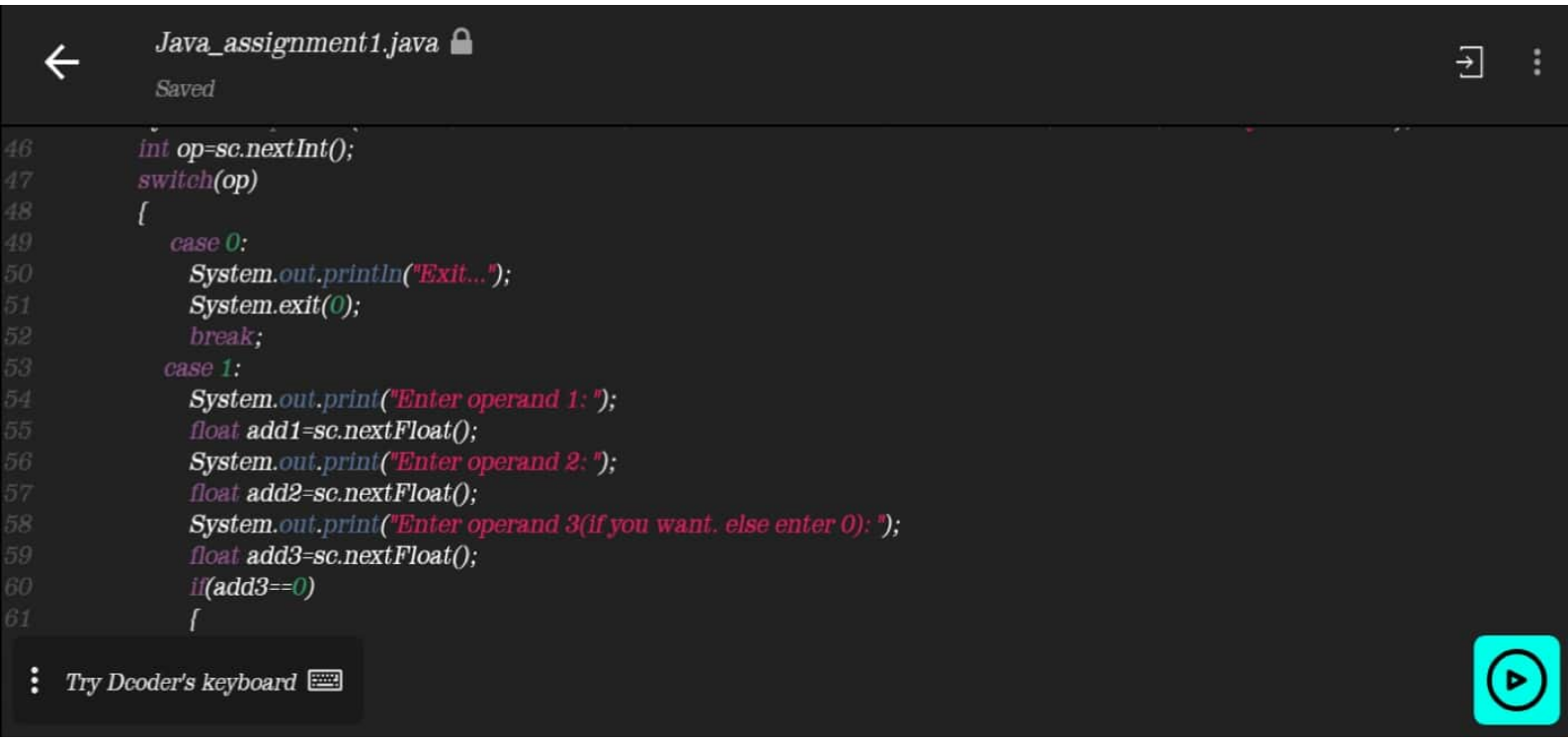
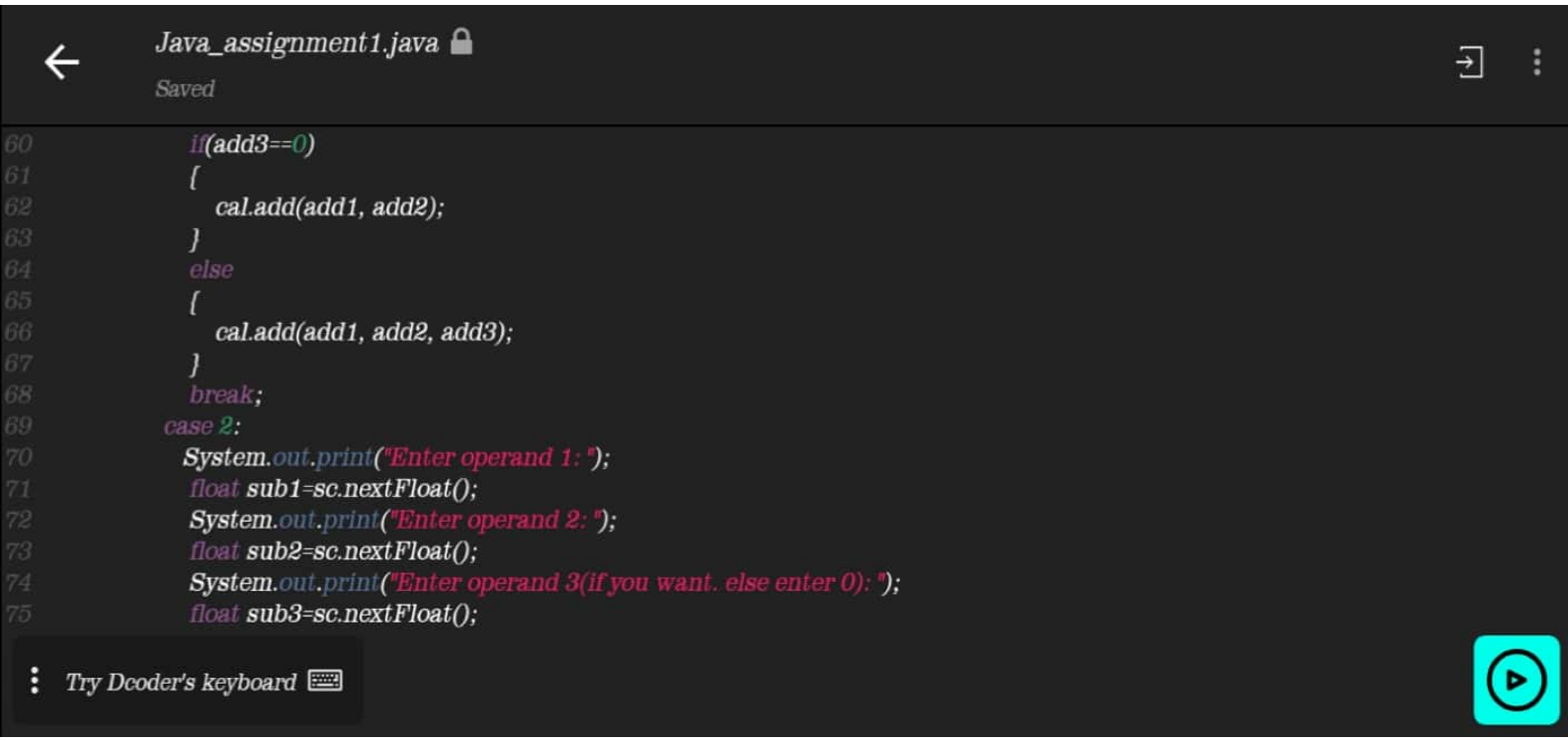
```
31
32      public void division(float a,float b)
33      {
34          System.out.println(a+"/"+b+"="+(a/b));
35      }
36  }
37  public class Main
38  {
39      public static void main (String[] args) {
40          Calculator cal=new Calculator();
41          Scanner sc=new Scanner(System.in);
42          System.out.println("Author: K. Sudarshan Reddy \nSAP ID:51834730");
43          try
44          {
45              System.out.println("1. ADD\n2. SUBTRACt\n3. MULTIPLICATION\n4. DIVISION\n5. EXIT\nEnter your choice: ");
46              int op=sc.nextInt();
```

Try Dcoder's keyboard





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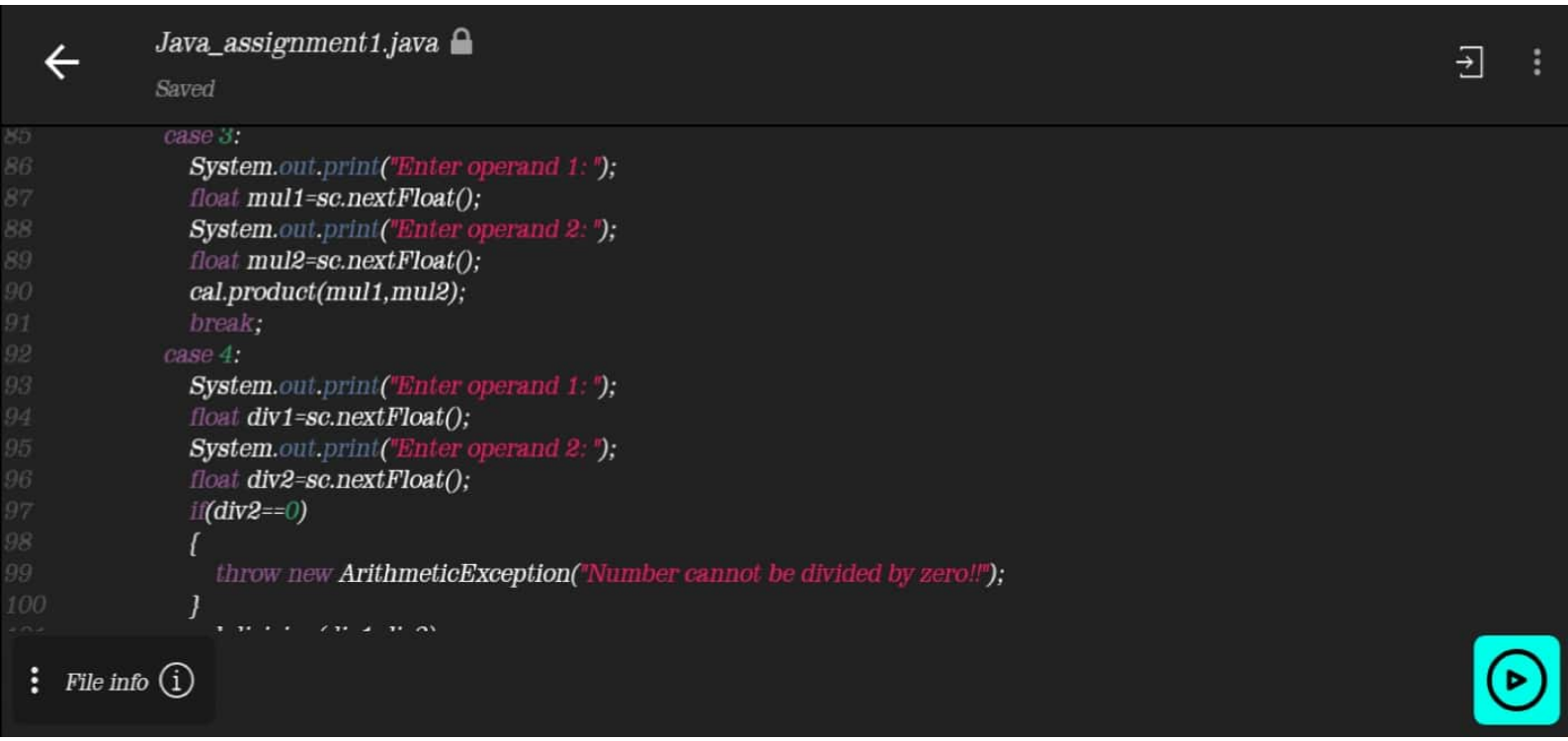
```
75              float sub3=sc.nextFloat();
76              if(sub3==0)
77              {
78                 cal.subtract(sub1, sub2);
79              }
80              else
81              {
82                 cal.subtract(sub1, sub2, sub3);
83              }
84              break;
85           case 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);
```

File info



Java_assignment1.java

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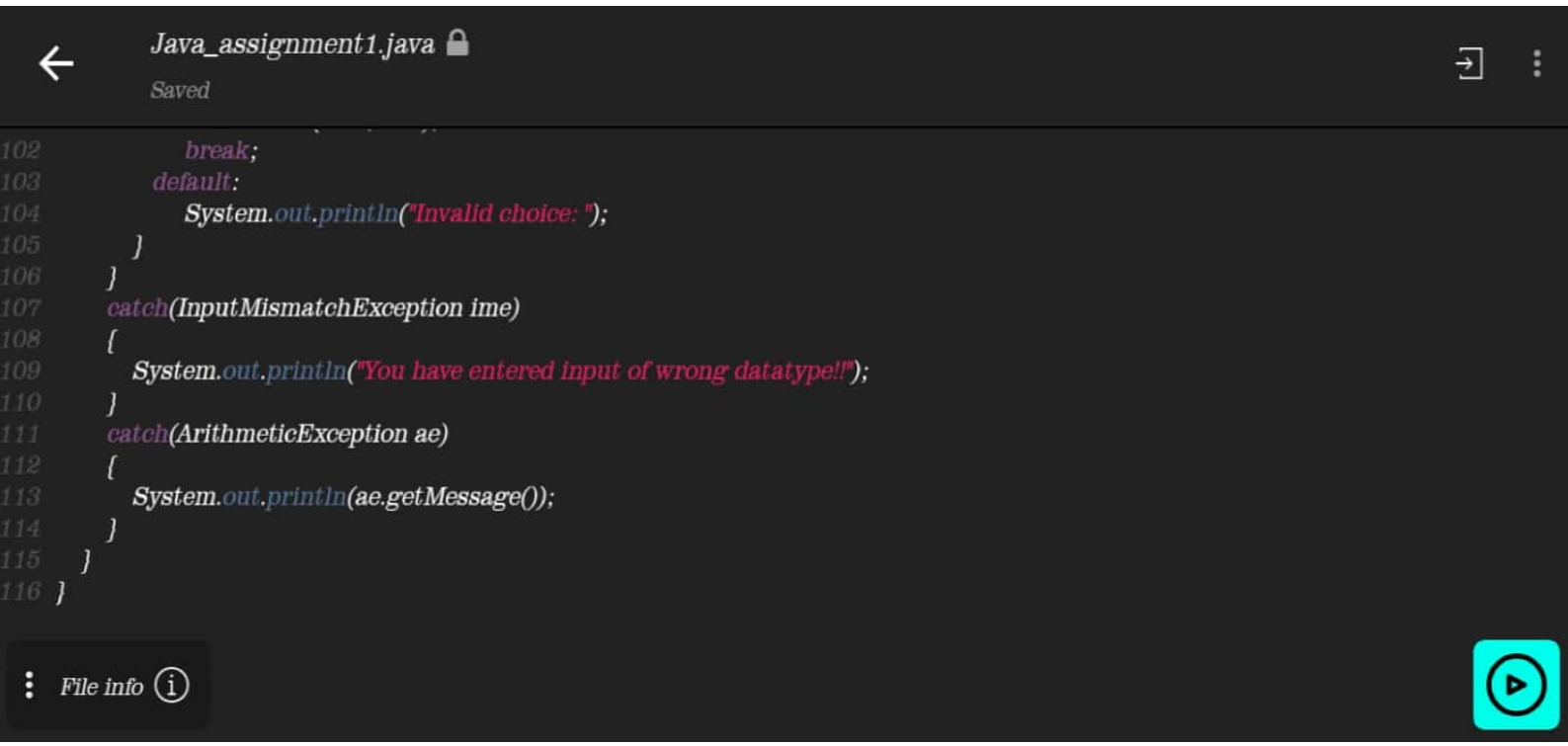
```
            }
            cal.division(div1,div2);
            break;
         default:
            System.out.println("Invalid choice: ");
      }
   }
   catch(InputMismatchException ime)
   {
      System.out.println("You have entered input of wrong datatype!!");
   }
   catch(ArithmeticException ae)
   {
      System.out.println(ae.getMessage());
   }
  }
}
```

File info



Java_assignment5.java

Saved

```java
public class Student {
  public static void main(String []args) {
    String str[] = { "s", "k", "r", "v", "n"};
    String temp;
    System.out.println("Sorted string...");
    for (int j = 0;j < str.length;j++) {
      for (int i = j + 1; i < str.length; i++) {
        // comparing strings
        if (str[i].compareTo(str[j]) < 0) {
          temp = str[j];
          str[j] = str[i];
          str[i] = temp;
        }
      }
      System.out.println(str[j]);
    }
  }
}
```

Terminal

```
Sorted string...
k
n
r
s
v

Process finished.
```