

}}}

## LAB-8

```
class father {
    static void acceptNameF(int inputAge)
        throws ArithmeticException {
        try
        { if (inputAge < 0)
            throws new ArithmeticException("wrong
            Age");
        }
        catch (ArithmeticException e) {
            System.out.println("Caught " + e);
        }
    }
}

class Son extends father {
    static void checkSFAge(int S-Age,
        int F-Age) throws Arithmetic Excep-
        tion
    { try {
```

join();  
Generics

oin();

if (S\_Age >= F\_Age)  
throw new ArithmeticException ("Son's age  
should be smaller than father's age");  
System.out.println ("Son's age is " + S\_Age +  
"Father's Age is " + F\_Age);  
}

catch (ArithmeticException e)  
System.out.println ("F Caught " + e);  
}}}

public class MyClass {  
public static void main (String[] args) {  
Father.acceptName (-10);  
Son.checkAge (30, 20);  
}}

LAB-9

shakira - MyClass.java

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shakira src MyClass.java

Project MyClass.java Object.java

Run: MyClass

```
"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...  
Enter father's age  
33  
Enter son's age  
55  
Father's age is :33  
Exception in thread "main" java.lang.ArithmeticException Create breakpoint : Son's age cannot be greater than father's age  
    at Son.show(MyClass.java:37)  
    at MyClass.main(MyClass.java:12)  
  
Process finished with exit code 1
```

Build completed successfully in 19 s 126 ms (a minute ago)