

27/11/20

Lab 8 - Program

```
class Father
{
    static void acceptNameF (int inputAge)
        throws ArithmeticException
    {
        try
        {
            if (inputAge < 0)
                throw 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
    {
        try {
            if (S_Age >= F_Age)
                throw new ArithmeticException ("Son's age
                should be smaller than father's age,
                wrong age");
        }
```

```
System.out.println (" Son's age is " + S_Age
+ " Father's age is " + F_Age);
```

```
}
```

```
catch (ArithmeticException e)
```

```
{
```

```
System.out.println ("Caught" + e);
```

```
}
```

```
}
```

```
}
```

```
public class ExceptionHandling {
```

```
public static void main (String args [])
```

```
{
```

```
Father.acceptNameF (-10);
```

```
Son.CheckS_Age (30, 20);
```

```
}
```

```
}
```

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