

// Exception handling.

```
class WrongAge extends Exception
{
    public String toString()
    {
        return "Please enter the right age:";
    }
}
```

```
class Father
{
    int age;
    Father (int age1)
    {
        age = age1;
        System.out.println("Father age:" + age);
    }
}
```

```
class Son extends Father
{
    Son (int age1)
    {
        super (age1);
        System.out.println("Son age:" + age);
    }
}
```

```
class Except  
{
```

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```
public static void main (String args[])  
throws WrongAge  
{
```

```
int i = args.length;
```

```
int j = Integer.parseInt (args[0]);
```

```
int k = Integer.parseInt (args[1]);
```

```
if (i <= 0 || j <= k)  
{
```

```
throw new WrongAge();  
}
```

```
else  
{
```

```
Father f = new Father(j);
```

```
Son s = new Son(k);  
}
```

```
}
```

```
}
```

```
class WrongAge extends Exception
{
    public String toString()
    {
        return "Please enter the right age:";
    }
}
class Father
{
    int age;
    Father(int age1)
    {
        age=age1;
        System.out.println("Father age:"+age);
    }
}
class Son extends Father
{
    Son(int age1)
    {
        super(age1);
        System.out.println("Son age:"+age);
    }
}
class Excep
{
    public static void main(String args[]) throws WrongAge
    {
        int i=args.length;
        int j=Integer.parseInt(args[0]);
        int k=Integer.parseInt(args[1]);
        if(i<=0 || j<=k)
        {
            throw new WrongAge();
        }
    }
}
```



```
{
int age;
Father(int age1)
{
    age=age1;
    System.out.println("Father age:"+age);
}
}
class Son extends Father
{
    Son(int age1)
    {
        super(age1);
        System.out.println("Son age:"+age);
    }
}
class Excep
{
    public static void main(String args[]) throws WrongAge
    {
        int i=args.length;
        int j=Integer.parseInt(args[0]);
        int k=Integer.parseInt(args[1]);
        if(i<=0 || j<=k)
        {
            throw new WrongAge();
        }
        else
        {
            Father f=new Father(j);
            Son s=new Son(k);
        }
    }
}
```



C:\Windows\System32\cmd.exe

C:\Users\Pooja K\Downloads>javac Excep.java

C:\Users\Pooja K\Downloads>java Excep 0

Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 1
at Excep.main(Excep.java:31)

C:\Users\Pooja K\Downloads>java Excep 0 0

Exception in thread "main" Please enter the right age:
at Excep.main(Excep.java:34)

C:\Users\Pooja K\Downloads>java Excep 15 35

Exception in thread "main" Please enter the right age:
at Excep.main(Excep.java:34)

C:\Users\Pooja K\Downloads>java Excep 35 15

Father age:35

Son age:15

C:\Users\Pooja K\Downloads>

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