

```
import java.util.*;
```

```
class Wrongage extends Exception {
```

```
    public Wrongage (String s)
```

```
    {
```

```
        super (s)
```

```
    }
```

```
}
```

```
class Father {
```

```
    int Age;
```

```
    Father () throws Wrongage
```

```
    {
```

```
        System.out.println ("Enter father's age");
```

```
        Scanner s = new Scanner (System.in);
```

```
        Age = s.nextInt();
```

```
        if (Age < 0)
```

```
        {
```

```
            throw new Wrongage ("Age cannot be negative");
```

```
        }
```

```
    }
```

```
    void display()
```

```
    {
```

```
        System.out.println ("Father's age is: " + Age);
```

```
    }
```

```
}
```

```
class Son extends Father {
```

```
    int Sage;
```

Son() throws Wrongage

```
{  
    System.out.println("Enter son's age");  
    Scanner s = new Scanner(System.in);  
    Sage = s.nextInt();  
    if (Sage > fage)  
    {  
        throw new Wrongage("Son's age cannot be greater  
            than father's age");  
    }  
}
```

```
else if (Sage < 0)
```

```
{  
    throw new Wrongage("Age cannot be negative");  
}
```

```
else if (fage == Sage)
```

```
{  
    throw new Wrongage("Age cannot be same");  
}
```

```
}  
void display()
```

```
{  
    System.out.println("Son's Age is: " + Sage);  
}
```

```
}  
class Error {
```

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

```
{
```


try {

Son s = new Son ();

s.display ();

s.sdisplay ();

}

catch (Wrong age e) {

System.out.println(e);

}

}

}

Output

enter father's age

40

enter son's age

36

Father's Age is: 40

Son's Age is: 36

enter father's age

35

enter son's age

40

Son's age cannot be greater than father's age

~~enter father's age~~

~~35~~

~~enter son's age~~

~~35~~

~~Age can't be same~~