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R. WAP that demonstrates handling of exceptions in inheritance
  tree. Create a base class father and derived class son which
  extends base class. In Father class, implement a constructor which
  takes the age and throws exception wrong Age() when the input ageso.
   In son class, implement a constructor that uses both father and
  sons' chases age and throws an exception if sons' age >= fathers' age.
  class wrong Age extends Exception &
       String message;
      Wrang Age (String message) {
           this message = message;
     public string tostring () {
          return "Wrong Age Exception: "+ message;
 Class Fathers
      int fAge;
      Father (int age) throws wrong Age {
           if(age(0) {
           } throw new wrongstge ("Fathers' age can not be negative!");
          fAge=age;
class son extends fathers
      int sage;
     Son (int fAge, intsAge) throws wrong Age {
         super (fAge);
         if (sAge<0){
           throw new wrong Age ("Sons' age can not be negative!");
        if (sAge>=fAge) ;
          throw new wrongage (sons age can not be greater than or
                                 equal to Fathers' age!");
```

```
public class Main &
    DEVM (String[] args) {
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          Father father 1= new Father (40);
          Son son1=new son (40,20);
          S.O.P (Fathers' age: "+ father 1, fAge +", Sons' Age: "+ son 1. s Age);
          Father father 2 = new Father (-5);
     coatch (warrange e) {
          sop (e);
     try &
        Son son 2= new son (35,40);
     catch (Woong Age e) {
          5.0.pe);
     toys
         Son son 3 = New Son (50,-10);
    catch (wrong Age e) {
         s.o.p(e);
output ;
Fathers' Age: 40, sons' Age: 20
Wrong Age Exception: Fathers' Age can not be negative!
wrong Age Exception; sons' Age can not be greater than or equal to
Wrong Age Exception: sons' Age can not be negative!
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C:\\317\\7\_Exception>java Main
Father's age: 40, Son's age cannot be greater than or equal to Father's age!
WrongAge Exception: Son's age cannot be negative!
WrongAge Exception: Son's age cannot be negative!
WrongAge Exception: Son's age cannot be negative!

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