Lab - Program - 8

IBM19CS168
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```java
class WrongAge extends Exception {
  public String toString()
      { return  "Ages are not valid";
      }
}

class Father {
    int father_age;
    Father (int father_age)
      { this.father_age = father_age;
      }
}

class Son extends Father {
    int son_age;
    son (int father_age, int son_age)
      {  super(father_age);
         this.son_age = son_age;
      }

  void check() throws WrongAge
  {  if (father_age < 0 || son_age < 0 ||
         son_age >= father_age)
      {  throw new WrongAge();
      }
  }
}
```

```java
Class LabProgram8 {
public static void main (String [] args) {
    Son ob1 = new Son (30,5);
    Son ob2 = new Son (-1,10);
    try {
            ob1. check ()
            System.out.println ("Ages are acceptable");
        }
    catch (WrongAge e) {
            System.out.println (" Caught exception" + e);
        }

    try {
            ob2. check ();
            system. out. println (" Ages are acceptable")
        }
    catch (WrongAge e) {
            System.out.println (" Caught exception:" + e);
        }
    }
}
```