A+ Computer Science – Inheritance Worksheet 4

DIRECTIONS : Fill in each blank with the correct answer/output. Assume each statement happens in order and that one statement may affect the next statement.
Some sections might print more than once.

```
class P
{
   private int x, y;

   public P() { x=7;  y=0;  }
   public P(int v){x=v; y=7;}

   public double fun() { return x; }
   public void go() { back();  }
   public void whoot() { go(); }
   public void back() {
      x=992;
   }
   public String toString()
   {
      return getClass().getName() + " "  + x + " " + y;
   }
}

class Q extends P
{
   private int x;

   public Q() { x=23;  }
   public Q(int v) { super(v); x=33;  }

   public double fun() { return x; }
   public void go() { back();  }
   public void back() {
      x=45;
   }

   public String toString()
   {
      return "class " + getClass().getName() + " " + x
                      + " " +  super.toString() ;
   }
}

//code in the main of another class
P one = new P();
out.println(one.fun());
one.go();
one.whoot();
System.out.println(one+"\n\n" );
one = new Q();
out.println(one.fun());
one.go();
one.whoot();
System.out.println(one);
```

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