Øvelser

```
class cls_a  {
    public int i1;
}


class ex001  {
    public static void main(String[] args)  {
        System.out.println("Start main");
        cls_a oa = new cls_a();
        cls_a ob = new cls_a();
        oa.i1 = 11;
        ob.i1 = 101;
        System.out.println(oa.i1);
        System.out.println(ob.i1);
            System.out.println(oa.toString());
            System.out.println(ob.toString());
    }
}
```

ex001.2

```
class cls_a  {
    public int i1;
    private int i2;
}


class ex001  {
    public static void main(String[] args)  {
        System.out.println("Start main");
        cls_a oa = new cls_a();
        cls_a ob = new cls_a();
        oa.i1 = 11;
        ob.i1 = 101;
        oa.i2 = 12; //No-go
        System.out.println(oa.i1);
        System.out.println(ob.i1);
            System.out.println(oa.toString());
            System.out.println(ob.toString());
    }
}
```

ex001.3

```
class cls_a  {
    public int i1;
    private int i2;

    public void Seti2(int i)  {
        i2 = i;
    }

    public int Geti2()  {
        return(i2);
    }
}


class ex001  {
    public static void main(String[] args)  {
        System.out.println("Start main");
        cls_a oa = new cls_a();
        cls_a ob = new cls_a();
        oa.i1 = 11;
        ob.i1 = 101;
        oa.Seti2(12);
        ob.Seti2(22);
        System.out.println(oa.i1);
        System.out.println(oa.Geti2());
        System.out.println(ob.i1);
        System.out.println(ob.Geti2());
            System.out.println(oa.toString());
            System.out.println(ob.toString());
    }
}
```

contructor

ex001.4

```
class cls_a  {
    public int i1;
    private int i2;

    public cls_a ()  {
        System.out.println("Initialiser cls");
        i1 = 1;
        i2 = 2;
    }

    public void Seti2(int i)  {
        i2 = i;
    }

    public int Geti2()  {
        return(i2);
    }
}


class ex001  {
    public static void main(String[] args)  {
        System.out.println("Start main");
        cls_a oa = new cls_a();
        cls_a ob = new cls_a();
        ob.i1 = 101;
        ob.Seti2(22);
        System.out.println(oa.i1);
        System.out.println(oa.Geti2());
        System.out.println(ob.i1);
        System.out.println(ob.Geti2());
            System.out.println(oa.toString());
            System.out.println(ob.toString());
    }
}
```

ex001.5

```
class cls_a  {
    public int i1;
    private int i2;

    public cls_a ()  {
        System.out.println("Initialiser cls");
        i1 = 1;
        i2 = 2;
    }

    public void Seti2(int i)  {
        i2 = i;
    }

    public int Geti2()  {
        return(i2);
    }

    public String toString()  {
            return("i1="+i1+"\ni2="+i2);
    }

}


class ex001  {
    public static void main(String[] args)  {
        System.out.println("Start main");
        cls_a oa = new cls_a();
        cls_a ob = new cls_a();
        ob.i1 = 101;
        ob.Seti2(22);
        System.out.println(oa.toString());
        System.out.println(ob.toString());
    }
}
```

ex001.6

```
class cls_a  {
    public int i1;
    private int i2;

    public cls_a ()  {
        System.out.println("Initialiser cls");
        i1 = 1;
        i2 = 2;
    }

    public void Seti2(int i)  {
        i2 = i;
    }

    public int Geti2()  {
        return(i2);
    }

   public String toString()  {
             return("i1="+i1+"\ni2="+i2);
   }

}


class ex001  {
    public static void main(String[] args)  {
        System.out.println("Start main");
        cls_a oa = new cls_a();
        cls_a ob = new cls_a();
        ob.i1 = 101;
        ob.Seti2(22);
        ob = oa;
        ob.Seti2(202);
        System.out.println(oa.toString());
        System.out.println(ob.toString());
    }
}
```

ex001

```
class cls_a  {
    public int i1;
    private int i2;
    public cls_a ()  {
        System.out.println("Initialiser cls");
        i1 = 1;
        i2 = 2;
    }

    public void Seti1(int i)  {
        i1 = i;
    }

    public void Seti2(int i)  {
        i2 = i;
    }

    public int Geti1()  {
        return(i1);
    }

    public int Geti2()  {
        return(i2);
    }

   public String toString()  {
             return("i1="+i1+"\ni2="+i2);
   }

}


class ex001  {
    public static void main(String[] args)  {
        System.out.println("Start main");
        cls_a oa = new cls_a(); //Her oprettes et object oa som en instans af
  class cls_a
        cls_a ob = new cls_a(); //Her oprettes et object ob som en instans af
  class cls_a
        oa.i1 = 11; //Vi kan godt skrive i i1 fordi den er public
    //-----/Den kan vi ikke skrive til compileren forhindrer dette fordi
    //       variablen er deklareret private
//        oa.i2 = 12; //
    //-----/
        ob.i1 = 101;
        ob = oa;  //Nu er object ob tabt for altid vi kan aldrig finde den
  igen
        ob.Seti2(202);  //oa og ob refererer til det samme object (oa)
        System.out.println(oa.Geti1());
        System.out.println(oa.Geti2());
        System.out.println(ob.Geti1());
```

```
        System.out.println(ob.Geti2());
            System.out.println(ob.toString());
    //-----/ hvorfor kan man ikke kalde denne metode?

//          oa.a();
    }
}
```