Subklasser og referanser

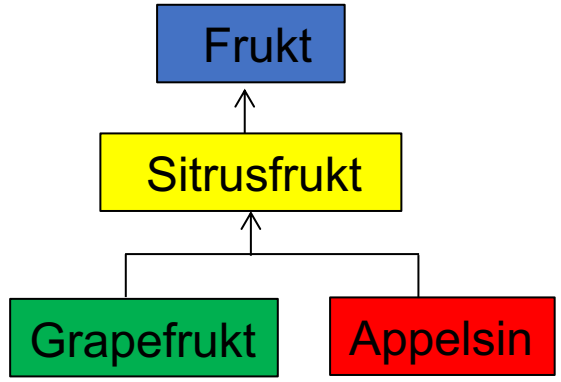
Introduksjon: Tilordning av referanseverdier


```
class Frukt { .. }
class Sitrusfrukt extends Frukt { .. }
class Grapefrukt extends Sitrusfrukt { .. }
class Appelsin extends Sitrusfrukt { .. }
```

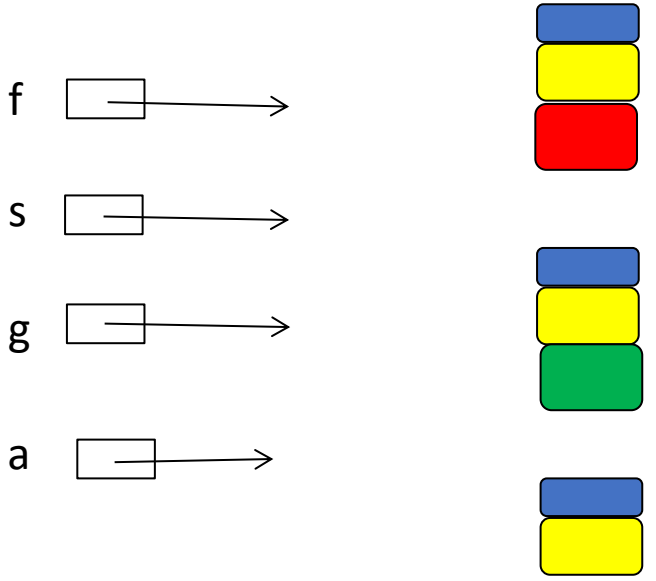
```
class LagFrukt {
    public static void main(String[] args){
       Frukt f;
       Sitrusfrukt s;
       Grapefrukt g;
       Appelsin a;

      // Hva er lov ?

       f = . . . .
       s = . . . .
       g = . . . .
       a = . . . .
     . . . .
   }
}
```

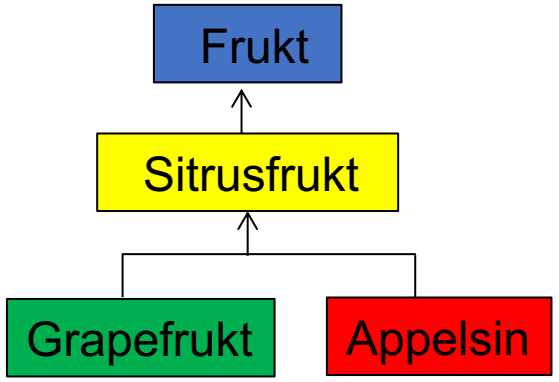


Klassehierarki

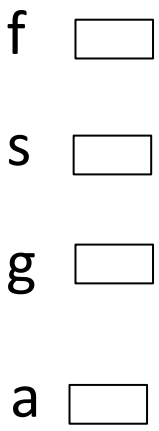


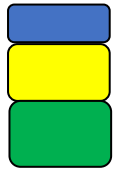
Oppgave 1


```
Frukt f;
Sitrusfrukt s;
Grapefrukt g;
Appelsin a;
// Hva er lov:
g = new Grapefrukt();
s = g;
f = g;
a = g;
```



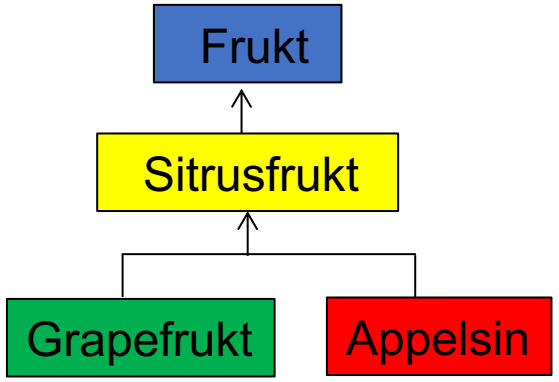
Klassehierarki



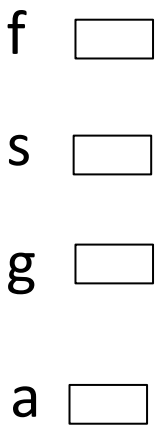


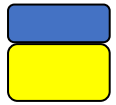
Oppgave 2


```
Frukt f;
Sitrusfrukt s;
Grapefrukt g;
Appelsin a;
// Hva er lov:
s = new Sitrusfrukt();
f = s;
g = s;
a = s;
```



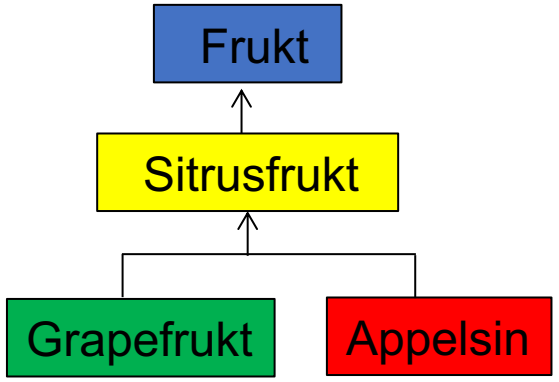
Klassehierarki



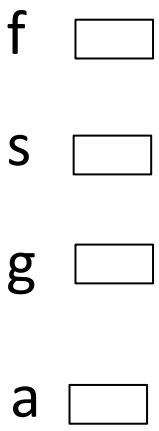


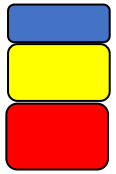
Oppgave 3


```
Frukt f;
Sitrusfrukt s;
Grapefrukt g;
Appelsin a;
// Hva er lov:
a = new Appelsin();
f = a;
g = f;
s = f;
```



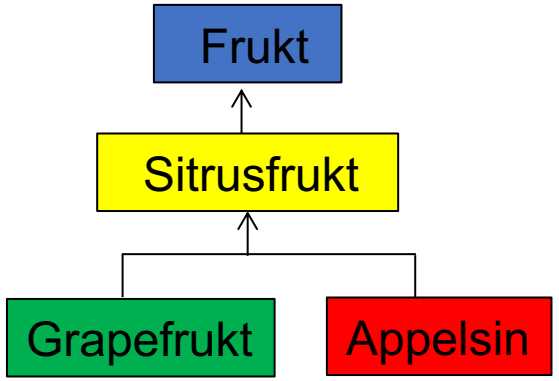
Klassehierarki



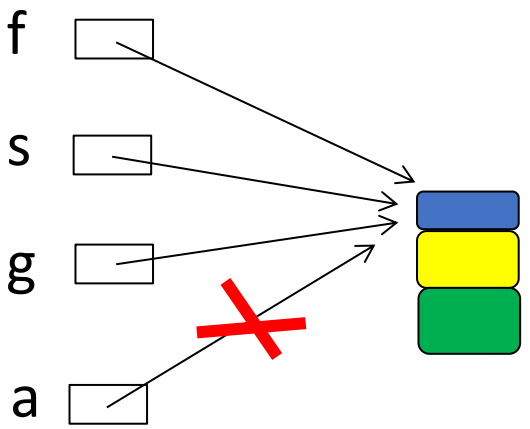


Svar oppgave 1


```
Frukt f;
Sitrusfrukt s;
Grapefrukt g;
Appelsin a;
// Hva er lov:
g = new Grapefrukt();
s = g;
f = g;
a = g;
```

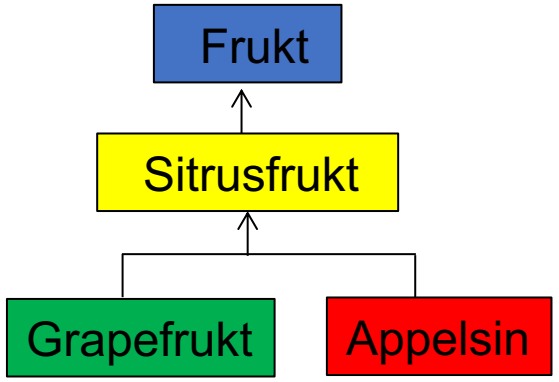


Klassehierarki

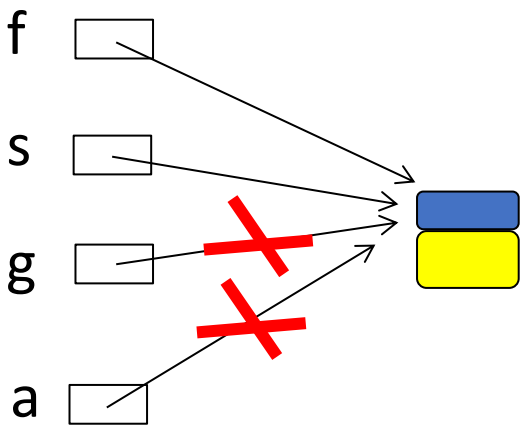


Svar oppgave 2


```
Frukt f;
Sitrusfrukt s;
Grapefrukt g;
Appelsin a;
// Hva er lov:
s = new Sitrusfrukt();
f = s;
g = s;
a = s;
```



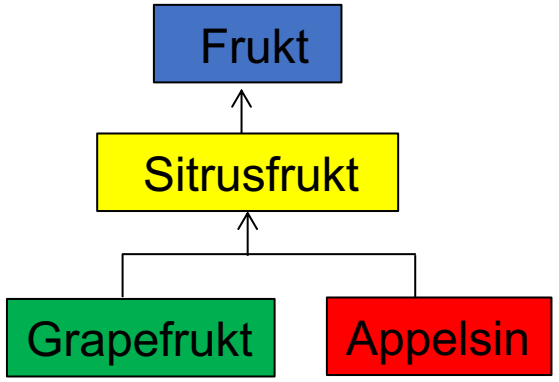
Klassehierarki



Svar oppgave 3


```
Frukt f;
Sitrusfrukt s;
Grapefrukt g;
Appelsin a;
// Hva er lov:
a = new Appelsin();
f = a;
g = f;
s = f;
```

?



Klassehierarki

