

Oppgave: Referanser

```
Counter minTeller, hansTeller, dinTeller;
```

```
minTeller = new Counter(); // linje 1
```

```
hansTeller = new Counter(); // linje 2
```

```
dinTeller = new Counter(); // linje 3
```

```
minTeller = dinTeller;
```

```
dinTeller = hansTeller;
```

```
// Her er tilstanden beskrevet i fig til høyre
```

Tre objekter er laget i linjene 1, 2 og 3.

Til høyre er to av objektene kalt X og Y.

I hvilken linje lages disse objektene?

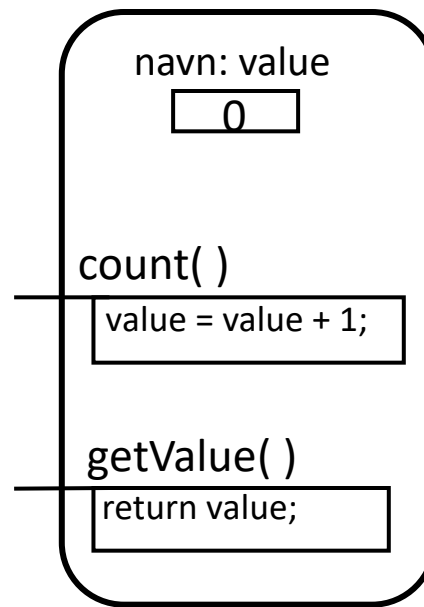
X ble laget i linje ?

Y ble laget i linje ?

Navn: minTeller

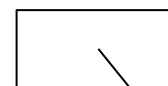


Type: Counter

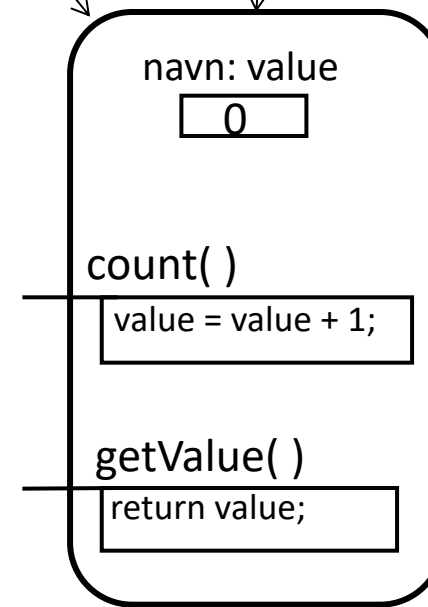


Counter-objekt X

Navn: hansTeller

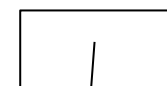


Type: Counter



Counter-objekt Y

Navn: dinTeller



Type: Counter



Svar del 1

```
Counter minTeller, hansTeller, dinTeller;
```

```
minTeller = new Counter(); // linje 1
```

```
hansTeller = new Counter(); // linje 2
```

```
dinTeller = new Counter(); // linje 3
```

```
// Her er tilstanden beskrevet i fig til høyre
```

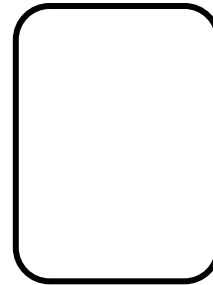
```
minTeller = dinTeller;
```

```
dinTeller = hansTeller;
```

Navn: minTeller

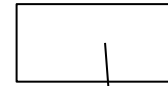


Type: Counter

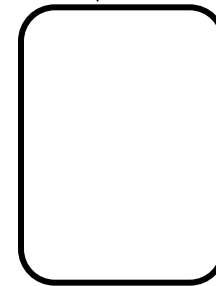


Objekt
laget i
linje 1

Navn: hansTeller

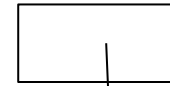


Type: Counter

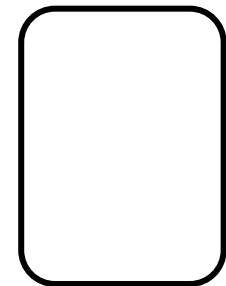


Objekt
laget i
linje 2

Navn: dinTeller



Type: Counter



Objekt
laget i
linje 3

Svar del 2

```
Counter minTeller, hansTeller, dinTeller;
```

```
minTeller = new Counter(); // linje 1
```

```
hansTeller = new Counter(); // linje 2
```

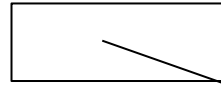
```
dinTeller = new Counter(); // linje 3
```

```
minTeller = dinTeller;
```

```
// Her er tilstanden beskrevet i fig til høyre
```

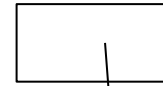
```
dinTeller = hansTeller;
```

Navn: minTeller



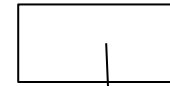
Type: Counter

Navn: hansTeller

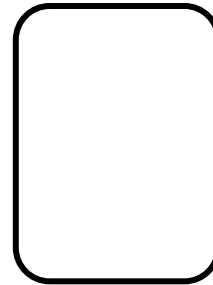


Type: Counter

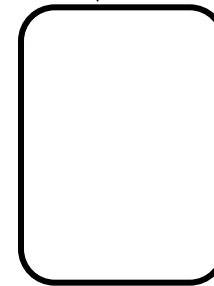
Navn: dinTeller



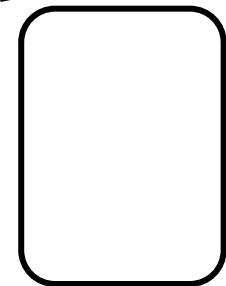
Type: Counter



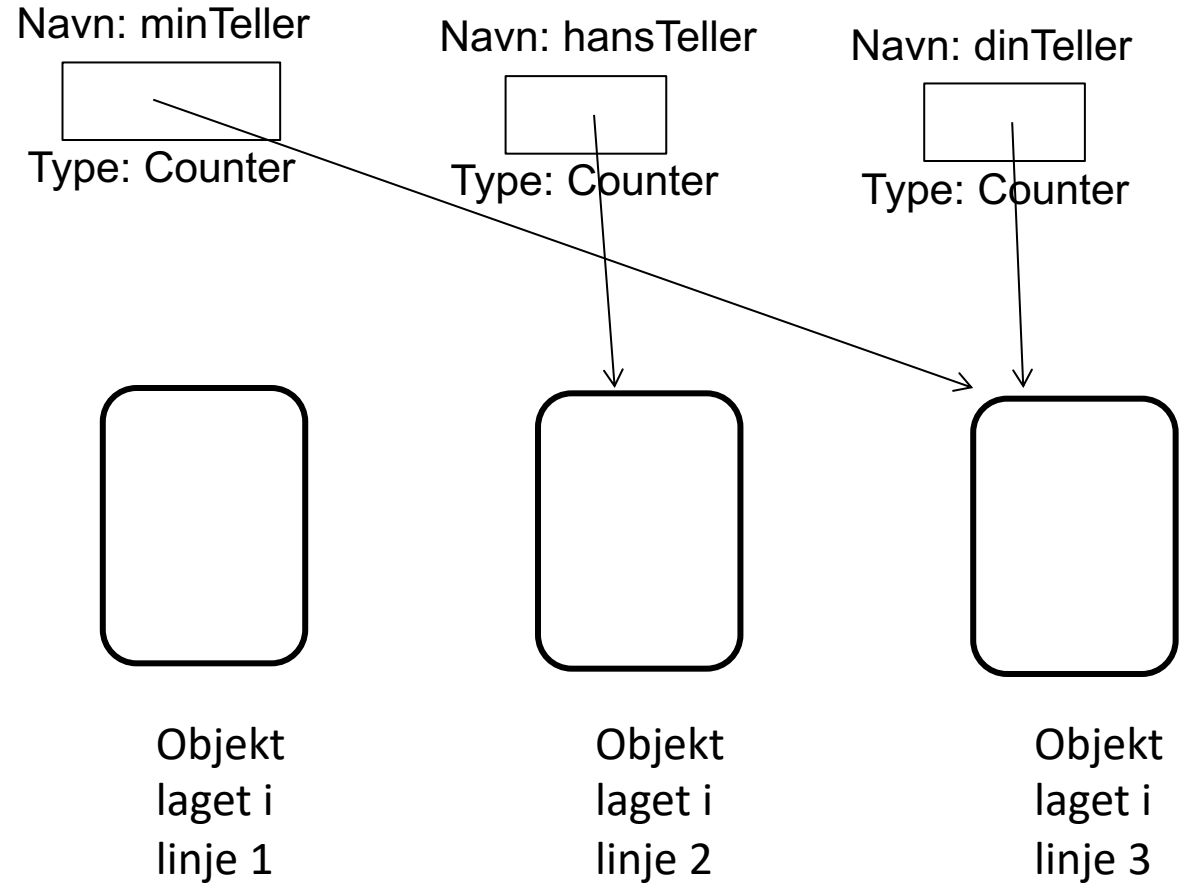
Objekt
laget i
linje 1



Objekt
laget i
linje 2



Objekt
laget i
linje 3



Sluttsvar (del 3)

```
Counter minTeller, hansTeller, dinTeller;  
  
minTeller = new Counter(); // linje 1  
hansTeller = new Counter(); // linje 2  
dinTeller = new Counter(); // linje 3  
  
minTeller = dinTeller;  
dinTeller = hansTeller;  
  
// Her er tilstanden beskrevet i fig til høyre
```

Svar:
X ble laget i linje 3
Y ble laget i linje 2

Bli tatt av søppeltømmeren
("garbage collector")

