IN1010 gruppetime

04.02.2026

Plan for dagen

Quizlet!

Lister og sånt…

Klasser

Casting

WILL CODE



13. FEB
KL. 18:00

ESCAPE
ID: 18

FOR DR*NKS

Quizlet Live!!!

Lister og sånt...

Arrayer

Dynamiske arrayer

HashMaps

Arrayer

**Fixed-size array*

```
public static void main(String[] args) { }
```

```
String[] streng_array = new String[5];
```

Hva er galt her??

```
int[] tall_array = new int[];
```

Dynamiske arrayer

```java
ArrayList<Integer> en_dynamisk_array = new ArrayList<>();
```

Hva er galt her??

```
ArrayList<int> en_dynamisk_array = new ArrayList<>();
```

Hva er galt her??

```
ArrayList<Integer> en_dynamisk_array = new ArrayList<>;
```

Husk å importere!!!

```
import java.util.ArrayList;
```

HashMaps

```
hovedstater = {}

hovedstater["Norge"] = "Oslo"
```



```java
HashMap<String, String> hovedstater = new HashMap<>();

hovedstater.put(key: "Norge", value: "Oslo");
```

Husk å importere!!!

```
import java.util.HashMap;
```

```java
int[] fixed_size_array = new int[4];

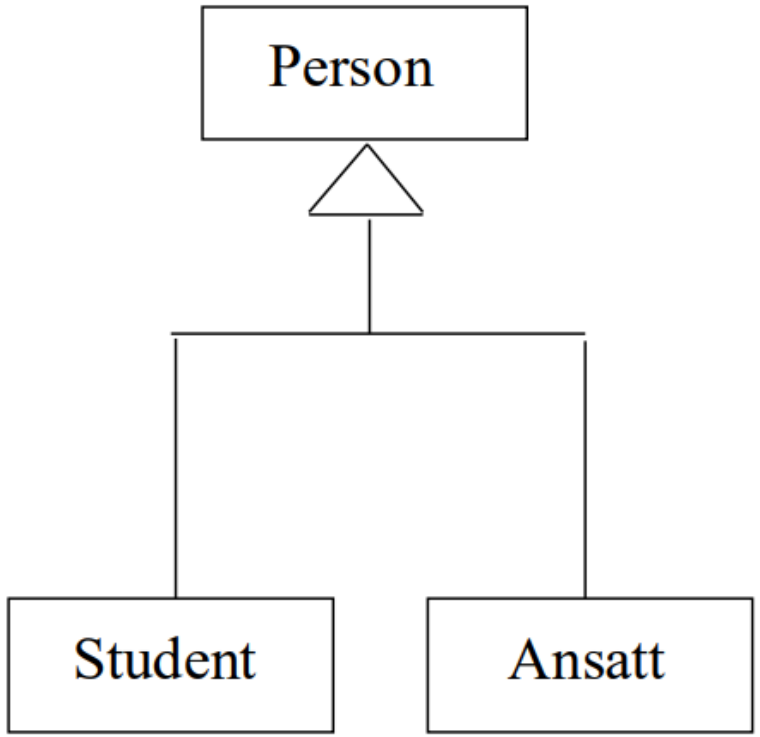
ArrayList<Boolean> dynamic_array = new ArrayList<>();

HashMap<String, String> dictionary = new HashMap<>();
```

Klasser

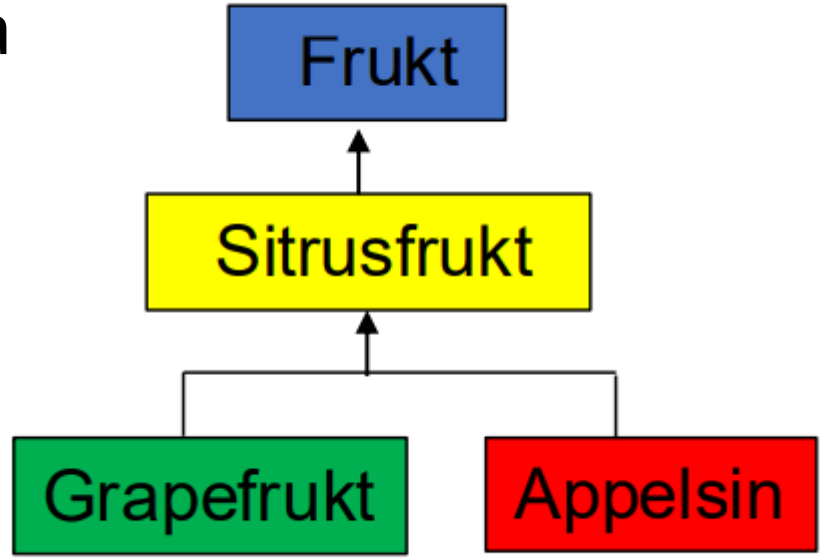
**og klassehierarkier*

Klassehierarkier



ALLE KLASSER arver fra Object-klassen.





Klassehierarkier i tidligere eksamener:

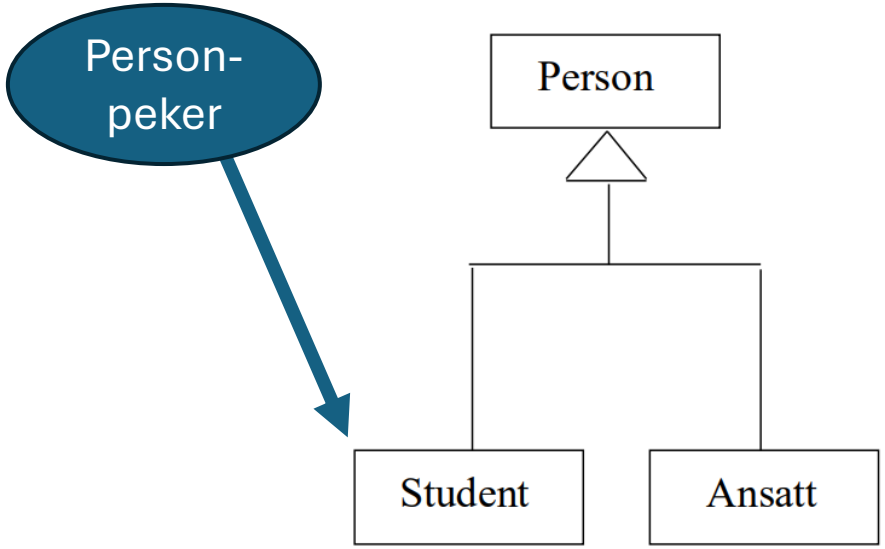
Eksamen	Oppgave om å tegne klassehierarki
2025	JA
2024 konte	JA
2024	JA
2023 konte	JA
2023	JA

Casting

1. Implisitt casting

2. Eksplisitt casting

Implisitt casting



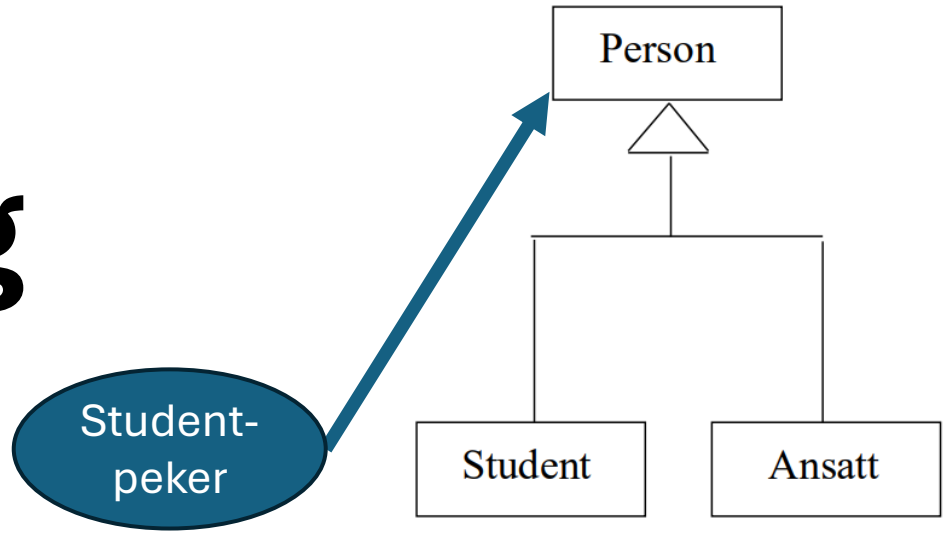
```
Person Alexander = new Student();

Student Philip = new Student();

Student Henrik = new Person();
```

Eksplisitt casting

**Kun mulig når et objekt allerede er implisitt castet*



```
Student Henrik = new Person();
```

```
Person Michael = new Student();
```

```
Student Michael_som_student = (Student) Michael;
```

Takk for meg

Jeg skal vise oppgaver her på skjermen!