

Klassedatastruktur Hovedprogram

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

```
navn:tell      navn:teller      navn:args      navn:sags
```

```
type: int      type: int      type: String      type: Dataklynge
```

```
Dataklynge saga = new Dataklynge();  
int tell = 0;  
while(tell<45){saga.leggTilRack(new Node(4,512); tell++;}  
int teller = 0;  
while(teller<16){saga.leggTilRack(new Node(8,1024); teller++;}
```

Dataklynge objekt

```
navn: antallNoderPerRack
```

```
2
```

```
type: int
```

```
navn: rackList
```

```
type: ArrayList
```

```
public void leggTilRack(Node node)
```

```
public void lesFraFil(String filnavn)
```

```
public int antallProsessorer()
```

```
public int hentAntallRack()
```

```
public int noderMedNokMinne(int paaKrevdMinne)
```

Rack objekt

```
navn: antallNoder
```

```
type: int
```

```
navn: nodeArray
```

```
type: Node
```

```
public Rack(int antallNoder)
```

```
public void leggTilNode(Node node)
```

```
public int hentAntallNoderPerRack()
```

```
public boolean erLedig()
```

```
public int antallProsessorer()
```

```
public int noderMedNokMinne()
```

```
Node[]
```

```
0
```

```
1
```

Objekt av klasse Node

```
navn: nodeNr
```

```
type: int
```

```
navn: antProsessorer
```

```
type: int
```

```
navn: minnestorrelse
```

```
type: int
```

```
public Node(int prosessor, int minne)
```

```
public int hentantallProsessorer()
```

```
public int hentminneStorrelse()
```

```
ArrayList<Rack>
```

```
0
```

```
1
```

Rack objekt

```
navn: antallNoder
```

```
type: int
```

```
navn: nodeArray
```

```
type: Node
```

```
public Rack(int antallNoder)
```

```
public void leggTilNode(Node node)
```

```
public int hentAntallNoderPerRack()
```

```
public boolean erLedig()
```

```
public int antallProsessorer()
```

```
Node[]
```

```
0
```

```
1
```

Objekt av klasse Node

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type: int
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```

```
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```

```
navn: minnestorrelse
```

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type: int
```

```
public Node(int prosessor, int minne)
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public int hentantallProsessorer()
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Objekt av klasse Node

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navn: minnestorrelse
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public Node(int prosessor, int minne)
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public int hentantallProsessorer()
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```
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```