

Klassedatastruktur Integrasjonstest

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

```
LegemiddelA LMA = new  
LegemiddelA("Kokain",1000.00,50.00,6);
```

```
LegemiddelB LMB = new  
LegemiddelB("Vicodin",299.00,60.00,5);
```

```
LegemiddelC LMC = new  
LegemiddelC("Ibux",199.00,500.00);
```

```
BlaaResept BR1 = new  
BlaaResept(LMA,L1,9090,10);
```

```
MilitaerResept MR1 = new  
MilitaerResept(LMA,L2,9090,10);
```

```
PResept PR1 = new PResept(LMA,L2,9090);
```

```
Lege L1 = new Lege("BLA BLA");
```

```
Fastlege L2 = new Fastlege("HE HE",42);
```

Klassedatastruktur Legemiddel

```
abstract class Legemiddel
```

```
int id; String navn; double pris; double virkestoff;  
public Legemiddel(String navn, double startpris,  
double virkestoff)  
public int hentId()  
public String hentNavn()  
public double hentPris()  
public double hentVirkestoff()  
public void settNyPris(double pris)  
public void skrivUtInfo()
```

```
class LegemiddelA extends Legemiddel
```

```
int styrke;  
hentNarkotiskStyrke()
```

```
class LegemiddelB extends Legemiddel
```

```
int styrke;  
hentVanedannendeStyrke()
```

```
class LegemiddelC extends Legemiddel
```

Klassedatastruktur Resept

```
abstract class Resept
```

```
Int id; Legemiddel refLegemiddel; Lege refLege; int  
idPasient; int reit;  
Resept(Legemiddel legemiddel, Lege  
utskrivendeLege, int pasientId, int reit)  
public int hentId()  
public String hentLegemiddel()  
public String hentLege()  
public int hentPasientId()  
public int hentReit()  
public boolean bruk()  
abstract public String farge()  
abstract public String prisAaBetale()
```

```
abstract class HvitResept extends Resept  
public String farge()
```

```
class BlaaResept extends Resept
```

```
public String farge()  
public double prisAaBetale()
```

```
class PResept extends Resept
```

```
public PResept(Legemiddel legemiddel,  
Lege utskrivendeLege, int pasientId)  
public double prisAaBetale()
```

```
class MilitaerResept extends Resept
```

```
public MilitaerResept(Legemiddel legemiddel,  
Lege utskrivendeLege, int pasientId)  
public double prisAaBetale()
```

Klassedatastruktur Lege

```
class Lege
```

```
public Lege(String navn)  
public String henteNavn()
```

```
Class Fastlege extends Lege
```

```
public Fastlege(String navn, int avtalenummer)  
Public int hentAvtalenummer()
```

Kommuneavtale