

Here is some apims code:

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(nu journal:1→2:1⟨String⟩;
  1→2:1⟨String⟩;
  1→2:1⟨String⟩;
  1→2:1⟨String⟩;
  rec actions⟨xIndskrevet:Bool=true, xUrineret:Bool=false,
xAffoering:Bool=false, xOperation:Bool=false, xInformeret:Bool=false,
xReserveret:Bool=false, xMedicinMorgen:Bool=false, xMedicinEftermiddag:Bool=false,
xMedicinAften:Bool=false⟩.
    1→2:1
    { Arkiver[[not xIndskrevet]]:
      end,
      LaesAftale[[xIndskrevet]]:
        2→1:2⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
      ,
      LaesCPR[[xIndskrevet]]:
        2→1:2⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
      ,
      LaesEnergiindtag[[xIndskrevet]]:
        2→1:2⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
      ,
      LaesMedicin[[xIndskrevet]]:
        2→1:2⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
      ,
      LaesNavn[[xIndskrevet]]:
        2→1:2⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
      ,
      LaesSymptomer[[xIndskrevet]]:
        2→1:2⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
      ,
      LaesVaerelse[[xIndskrevet]]:
        2→1:2⟨String⟩;
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        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        LaesVaeskeindtag[[xIndskrevet]]:
        2→1:2⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivAffoering[[xIndskrevet]]:
        1→2:1⟨Bool⟩ as xAffoering[[true]];
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivAftale[[xIndskrevet]]:
        1→2:1⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivCPR[[xIndskrevet]]:
        1→2:1⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivEnergiindtag[[xIndskrevet]]:
        1→2:1⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivIndskrevet[[true]]:
        1→2:1⟨Bool⟩ as xIndskrevet[[true]];
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivInformeret[[xIndskrevet]]:
        1→2:1⟨Bool⟩ as xInformeret[[true]];
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivMedicin[[xIndskrevet]]:
        1→2:1⟨String⟩;
        actions⟨xIndskrevet, xUrineret, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
    ,
        SkrivMedicinering[[xIndskrevet]]:
        1→2:1⟨Bool⟩ as xMedicinMorgen[[true]];
        1→2:1⟨Bool⟩ as xMedicinEftermiddag[[true]];

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1→2:1⟨Bool⟩ as xMedicinAften[[true]];
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
,
SkrivNavn[[xIndskrevet]]:
1→2:1⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
,
SkrivOperation[[xIndskrevet]]:
1→2:1⟨Bool⟩ as xOperation[[true]];
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
,
SkrivReserveret[[xIndskrevet]]:
1→2:1⟨Bool⟩ as xReserveret[[true]];
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
,
SkrivSymptomer[[xIndskrevet]]:
1→2:1⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
,
SkrivUrinering[[xIndskrevet]]:
1→2:1⟨Bool⟩ as xUrinering[[true]];
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
,
SkrivVaerelse[[xIndskrevet]]:
1→2:1⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
,
SkrivVaeskeindtag[[xIndskrevet]]:
1→2:1⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
} )
( def Journal=
link(2,journal,s,2);
( Journal()
| s[1]≫navn;
s[1]≫cpr;
s[1]≫room;
s[1]≫symptomer;

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def State⟨pIndskrevet: Bool,
          pUrinerings: Bool,
          pAffering: Bool,
          pOperation: Bool,
          pInformeret: Bool,
          pReserveret: Bool,
          pMedicinMorgen: Bool,
          pMedicinEftermiddag: Bool,
          pMedicinAften: Bool⟩
  (s: rec actions⟨xIndskrevet:Bool=pIndskrevet, xUrinerings:Bool=pUrinerings,
xAffering:Bool=pAffering, xOperation:Bool=pOperation, xInformeret:Bool=pInformeret,
xReserveret:Bool=pReserveret, xMedicinMorgen:Bool=pMedicinMorgen, xMedicinEftermiddag:Bool=pMedicinEftermiddag,
xMedicinAften:Bool=pMedicinAften⟩.
1>>
  { Arkiver[[not xIndskrevet]]:
    end,
    LaesAftale[[xIndskrevet]]:
      2<< ⟨String⟩;
      actions⟨xIndskrevet, xUrinerings, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
    LaesCPR[[xIndskrevet]]:
      2<< ⟨String⟩;
      actions⟨xIndskrevet, xUrinerings, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
    LaesEnergiindtag[[xIndskrevet]]:
      2<< ⟨String⟩;
      actions⟨xIndskrevet, xUrinerings, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
    LaesMedicin[[xIndskrevet]]:
      2<< ⟨String⟩;
      actions⟨xIndskrevet, xUrinerings, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
    LaesNavn[[xIndskrevet]]:
      2<< ⟨String⟩;
      actions⟨xIndskrevet, xUrinerings, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
    LaesSymptomer[[xIndskrevet]]:
      2<< ⟨String⟩;
      actions⟨xIndskrevet, xUrinerings, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

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LaesVaerelse[[xIndskrevet]]:
    2<< ⟨String⟩;
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

LaesVaeskeindtag[[xIndskrevet]]:
    2<< ⟨String⟩;
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivAffoering[[xIndskrevet]]:
    1>> ⟨Bool⟩ as xAffoering[[true]];
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivAftale[[xIndskrevet]]:
    1>> ⟨String⟩;
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivCPR[[xIndskrevet]]:
    1>> ⟨String⟩;
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivEnergiindtag[[xIndskrevet]]:
    1>> ⟨String⟩;
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivIndskrevet:
    1>> ⟨Bool⟩ as xIndskrevet[[true]];
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivInformeret[[xIndskrevet]]:
    1>> ⟨Bool⟩ as xInformeret[[true]];
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivMedicin[[xIndskrevet]]:
    1>> ⟨String⟩;
    actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivMedicinering[[xIndskrevet]]:

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1>> <Bool> as xMedicinMorgen[true];
1>> <Bool> as xMedicinEftermiddag[true];
1>> <Bool> as xMedicinAften[true];
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
SkrivNavn[xIndskrevet]:
1>> <String>;
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
SkrivOperation[xIndskrevet]:
1>> <Bool> as xOperation[true];
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
SkrivReserveret[xIndskrevet]:
1>> <Bool> as xReserveret[true];
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
SkrivSymptomer[xIndskrevet]:
1>> <String>;
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
SkrivUrineret[xIndskrevet]:
1>> <Bool> as xUrineret[true];
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
SkrivVaerelse[xIndskrevet]:
1>> <String>;
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
SkrivVaeskeindtag[xIndskrevet]:
1>> <String>;
actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>
}@(2 of 2),
pNavn: String,
pCPR: String,
pVaerelse: String,
pVaeskeindtag: String,

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        pEnergiindtag: String,
        pSymptomer: String,
        pAftale: String,
        pMedicin: String)=
s[1]>>
{ Arkiver:
  end,
  LaesAftale:
    s[2]<<pAftale;
    State⟨pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pAftale, pAftale,
pMedicin),
    LaesCPR:
      s[2]<<pCPR;
      State⟨pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer, pAftale,
pMedicin),
      LaesEnergiindtag:
        s[2]<<pEnergiindtag;
        State⟨pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer, pAftale,
pMedicin),
      LaesMedicin:
        s[2]<<pMedicin;
        State⟨pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pMedicin, pMedicin,
pMedicin),
      LaesNavn:
        s[2]<<pNavn;
        State⟨pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer, pAftale,
pMedicin),
      LaesSymptomer:
        s[2]<<pSymptomer;
        State⟨pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer, pAftale,
pMedicin),
      LaesVaerelse:
        s[2]<<pCPR;
        State⟨pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,

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pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer, pAftale,
pMedicin),
  LaesVaeskeindtag:
  s[2] << pVaeskeindtag;
  State(pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer, pAftale,
pMedicin),
  SkrivAffoering:
  s[1] >> nyAffoering;
  State(pIndskrevet, pUrinering, nyAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pAftale, pAftale,
pMedicin),
  SkrivAftale:
  s[1] >> nyAftale;
  State(pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, nyAftale, pAftale,
pMedicin),
  SkrivCPR:
  s[1] >> nytCPR;
  State(pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, nytCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer,
pAftale, pMedicin),
  SkrivEnergiindtag:
  s[1] >> nytEnergiindtag;
  State(pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, nytEnergiindtag, pSymptomer,
pAftale, pMedicin),
  SkrivIndskrevet:
  s[1] >> nyIndskrevet;
  State(nyIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer, pAftale,
pMedicin),
  SkrivInformeret:
  s[1] >> nyInformeret;
  State(pIndskrevet, pUrinering, pAffoering, pOperation, nyInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pAftale, pAftale,
pMedicin),
  SkrivMedicin:

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s[1]>>nyMedicin;
State⟨pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, nyMedicin, pMedicin,
pMedicin),
SkrivMedicinering:
s[1]>>nyMedicinMorgen;
s[1]>>nyMedicinEftermiddag;
s[1]>>nyMedicinAften;
State⟨pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, nyMedicinMorgen, nyMedicinEftermiddag, nyMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pAftale, pAftale,
pMedicin),
SkrivNavn:
s[1]>>nytNavn;
State⟨pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
nytNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer,
pAftale, pMedicin),
SkrivOperation:
s[1]>>nyOperation;
State⟨pIndskrevet, pUrinering, pAffoering, nyOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pAftale, pAftale,
pMedicin),
SkrivReserveret:
s[1]>>nyReserveret;
State⟨pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
nyReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pAftale, pAftale,
pMedicin),
SkrivSymptomer:
s[1]>>nyeSymptomer;
State⟨pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, nyeSymptomer,
pAftale, pMedicin),
SkrivUrinering:
s[1]>>nyUrinering;
State⟨pIndskrevet, nyUrinering, pAffoering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften⟩(s,
pNavn, pCPR, pVaerelse, pVaeskeindtag, pEnergiindtag, pAftale, pAftale,
pMedicin),
SkrivVaerelse:
s[1]>>nytVaerelse;
State⟨pIndskrevet, pUrinering, pAffoering, pOperation, pInformeret,

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pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, nytVaerelse, pVaeskeindtag, pEnergiindtag, pSymptomer,
pAftale, pMedicin),
  SkrivVaeskeindtag:
  s[1]>>nytVaeskeindtag;
  State(pIndskrevet, pUrinering, pAffering, pOperation, pInformeret,
pReserveret, pMedicinMorgen, pMedicinEftermiddag, pMedicinAften)(s,
pNavn, pCPR, pVaerelse, nytVaeskeindtag, pEnergiindtag, pSymptomer,
pAftale, pMedicin)
}
  in State(true, false, false, false, false, false, false, false,
false)(s, navn, cpr, room, "(unknown)", "(unknown)", symptomer, "Ingen",
"Ingen")
)
  in Journal()
| (nu sekretaer:1→2:1⟨Bool⟩ as xUrinering37[[true]];
1→2:1⟨Bool⟩ as xAffering38[[true]];
1→2:1⟨Bool⟩ as xOperation39[[true]];
1→2:1⟨Bool⟩ as xInformeret40[[true]];
1→2:1⟨Bool⟩ as xReserveret41[[true]];
1→2:1⟨Bool⟩ as xMedicinMorgen42[[true]];
1→2:1⟨Bool⟩ as xMedicinEftermiddag43[[true]];
1→2:1⟨Bool⟩ as xMedicinAften44[[true]];
1→2:1⟨rec actions⟨xIndskrevet:Bool=true, xUrinering:Bool= xUrinering37,
xAffering:Bool= xAffering38, xOperation:Bool= xOperation39, xInformeret:Bool= xInformeret40,
xReserveret:Bool= xReserveret41, xMedicinMorgen:Bool= xMedicinMorgen42,
xMedicinEftermiddag:Bool= xMedicinEftermiddag43, xMedicinAften:Bool= xMedicinAften44⟩.
1<<
{ Arkiver[[not xIndskrevet]]:
  end,
  LaesAftale[[xIndskrevet]]:
    2>> ⟨String⟩;
    actions⟨xIndskrevet, xUrinering, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
  LaesCPR[[xIndskrevet]]:
    2>> ⟨String⟩;
    actions⟨xIndskrevet, xUrinering, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
  LaesEnergiindtag[[xIndskrevet]]:
    2>> ⟨String⟩;
    actions⟨xIndskrevet, xUrinering, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
  LaesMedicin[[xIndskrevet]]:
    2>> ⟨String⟩;

```

```

        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesNavn[xIndskrevet]:
        2>> (String);
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesSymptomer[xIndskrevet]:
        2>> (String);
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesVaerelse[xIndskrevet]:
        2>> (String);
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesVaeskeindtag[xIndskrevet]:
        2>> (String);
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    SkrivAffoering[xIndskrevet]:
        1<< (Bool) as xAffoering[true];
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    SkrivAftale[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    SkrivCPR[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    SkrivEnergiindtag[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    SkrivIndskrevet:
        1<< (Bool) as xIndskrevet[true];
        actions(xIndskrevet, xUrinerings, xAffoering,

```

```

xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivInformeret[[xIndskrevet]]:
        1<< <Bool> as xInformeret[[true]];
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicin[[xIndskrevet]]:
        1<< <String>;
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicineret[[xIndskrevet]]:
        1<< <Bool> as xMedicinMorgen[[true]];
        1<< <Bool> as xMedicinEftermiddag[[true]];
        1<< <Bool> as xMedicinAften[[true]];
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivNavn[[xIndskrevet]]:
        1<< <String>;
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivOperation[[xIndskrevet]]:
        1<< <Bool> as xOperation[[true]];
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivReserveret[[xIndskrevet]]:
        1<< <Bool> as xReserveret[[true]];
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivSymptomer[[xIndskrevet]]:
        1<< <String>;
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivUrineret[[xIndskrevet]]:
        1<< <Bool> as xUrineret[[true]];
        actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivVaerelse[[xIndskrevet]]:
        1<< <String>;

```

```

        actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
        SkrivVaeskeindtag[[xIndskrevet]]:
            1<< (String);
            actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)
        }@(1 of 2));
        2→1:2(rec actions(xIndskrevet:Bool=true, xUrinerings:Bool= xUrinerings37,
xAffoering:Bool= xAffoering38, xOperation:Bool= xOperation39, xInformeret:Bool= xInformeret40,
xReserveret:Bool= xReserveret41, xMedicinMorgen:Bool= xMedicinMorgen42,
xMedicinEftermiddag:Bool= xMedicinEftermiddag43, xMedicinAften:Bool= xMedicinAften44).
        1<<
        { Arkiver[[not xIndskrevet]]:
            end,
            LaesAftale[[xIndskrevet]]:
                2>> (String);
                actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesCPR[[xIndskrevet]]:
                2>> (String);
                actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesEnergiindtag[[xIndskrevet]]:
                2>> (String);
                actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesMedicin[[xIndskrevet]]:
                2>> (String);
                actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesNavn[[xIndskrevet]]:
                2>> (String);
                actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesSymptomer[[xIndskrevet]]:
                2>> (String);
                actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

```

```

LaesVaerelse[[xIndskrevet]]:
    2>> <String>;
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
LaesVaeskeindtag[[xIndskrevet]]:
    2>> <String>;
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivAffoering[[xIndskrevet]]:
    1<< <Bool> as xAffoering[[true]];
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivAftale[[xIndskrevet]]:
    1<< <String>;
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivCPR[[xIndskrevet]]:
    1<< <String>;
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivEnergiindtag[[xIndskrevet]]:
    1<< <String>;
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivIndskrevet:
    1<< <Bool> as xIndskrevet[[true]];
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivInformeret[[xIndskrevet]]:
    1<< <Bool> as xInformeret[[true]];
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivMedicin[[xIndskrevet]]:
    1<< <String>;
    actions(xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
SkrivMedicinering[[xIndskrevet]]:

```

```

1<< <Bool> as xMedicinMorgen[true];
1<< <Bool> as xMedicinEftermiddag[true];
1<< <Bool> as xMedicinAften[true];
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivNavn[xIndskrevet]:
1<< <String>;
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivOperation[xIndskrevet]:
1<< <Bool> as xOperation[true];
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivReserveret[xIndskrevet]:
1<< <Bool> as xReserveret[true];
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivSymptomer[xIndskrevet]:
1<< <String>;
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivUrinerings[xIndskrevet]:
1<< <Bool> as xUrinerings[true];
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivVaerelse[xIndskrevet]:
1<< <String>;
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivVaeskeindtag[xIndskrevet]:
1<< <String>;
actions(xIndskrevet, xUrinerings, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)

}@(1 of 2));
end)
( def Sekretaer=
link(2,sekretaer,s,2);
s[1]>>xUrinerings;

```

```

s[1] >> xAffoering;
s[1] >> xOperation;
s[1] >> xInformeret;
s[1] >> xReserveret;
s[1] >> xMedicinMorgen;
s[1] >> xMedicinEftermiddag;
s[1] >> xMedicinAften;
s[1] >> j;
s[2] << j;
Sekretaer()
in ( ( Sekretaer()
    | Sekretaer()
    )
    | Sekretaer()
    )
| (nu behandling: 1 → 3: 3 <rec actions (xIndskrevet: Bool = true, xUrinering: Bool = false,
xAffoering: Bool = false, xOperation: Bool = false, xInformeret: Bool = false,
xReserveret: Bool = false, xMedicinMorgen: Bool = false, xMedicinEftermiddag: Bool = false,
xMedicinAften: Bool = false)>.
    1 <<
    { Arkiver[[not xIndskrevet]]:
        end,
        LaesAftale[[xIndskrevet]]:
            2 >> <String>;
            actions (xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesCPR[[xIndskrevet]]:
                2 >> <String>;
                actions (xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesEnergiindtag[[xIndskrevet]]:
                2 >> <String>;
                actions (xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesMedicin[[xIndskrevet]]:
                2 >> <String>;
                actions (xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
            LaesNavn[[xIndskrevet]]:
                2 >> <String>;
                actions (xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```



```

xMedicinAften>,
    LaesSymptomer[xIndskrevet]:
    2>> <String>;
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesVaerelse[xIndskrevet]:
    2>> <String>;
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesVaeskeindtag[xIndskrevet]:
    2>> <String>;
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    SkrivAffering[xIndskrevet]:
    1<< <Bool> as xAffering[true];
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    SkrivAftale[xIndskrevet]:
    1<< <String>;
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    SkrivCPR[xIndskrevet]:
    1<< <String>;
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    SkrivEnergiindtag[xIndskrevet]:
    1<< <String>;
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    SkrivIndskrevet:
    1<< <Bool> as xIndskrevet[true];
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    SkrivInformeret[xIndskrevet]:
    1<< <Bool> as xInformeret[true];
    actions<xIndskrevet, xUrineret, xAffering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

```

```

SkrivMedicin[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicinering[xIndskrevet]:
  1<< <Bool> as xMedicinMorgen[true];
  1<< <Bool> as xMedicinEftermiddag[true];
  1<< <Bool> as xMedicinAften[true];
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivNavn[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivOperation[xIndskrevet]:
  1<< <Bool> as xOperation[true];
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivReserveret[xIndskrevet]:
  1<< <Bool> as xReserveret[true];
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivSymptomer[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivUrinering[xIndskrevet]:
  1<< <Bool> as xUrinering[true];
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivVaerelse[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivVaeskeindtag[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften>
    }@(1 of 2));
    rec treatment<xUrineret:Bool=false, xAffoering:Bool=false,
xUdskriv:Bool=false, xJournalHer:Bool=true, xJournalOpdateret:Bool=false,
xOperation:Bool=false, xInformeret:Bool=false, xReserveret:Bool=false,
xMedicinMorgen:Bool=false, xMedicinEftermiddag:Bool=false, xMedicinAften:Bool=false>.
    { Dikter[[xJournalHer]]:
        treatment<xUrineret, xAffoering, xUdskriv,
xJournalHer, true, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften> ,
        Flyt[[xJournalHer]]:
            treatment<xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften> ,
            HentJournal[[not xJournalHer]]:
                treatment<xUrineret, xAffoering, xUdskriv,
true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften> ,
                MedicinAften[[xJournalHer and xMedicinAften]]:
                    treatment<xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, false> ,
                MedicinEftermiddag[[xJournalHer and xMedicinEftermiddag]]:
                    treatment<xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, false, xMedicinAften> ,
                MedicinMorgen[[xJournalHer and xMedicinMorgen]]:
                    treatment<xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
false, xMedicinEftermiddag, xMedicinAften> ,
                Operer[[((xJournalHer and xOperation) and xInformeret)
and xReserveret]]:
                    { AfslutOperation:
                        treatment<xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>
                    },
                Reserver[[((xJournalHer and xOperation) and not
xReserveret]]:
                    treatment<xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, true, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften> ,
                    SendJournal[[xJournalHer and xJournalOpdateret]]:
                        treatment<xUrineret, xAffoering, xUdskriv,
false, xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften> ,

```

```

    Stuegang[(((xJournalHer and not xMedicinMorgen)
and not xMedicinEftermiddag) and not xMedicinAften)]:
    3→2:2<rec actions<xIndskrevet:Bool=true, xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xOperation:Bool=xOperation, xInformeret:Bool=xInformeret,
xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen, xMedicinEftermiddag:Bool=xMedicinEftermiddag,
xMedicinAften:Bool=xMedicinAften>.
    1<<
    { Arkiver[not xIndskrevet]:
        end,
        LaesAftale[xIndskrevet]:
            2>> <String>;
            actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
            LaesCPR[xIndskrevet]:
                2>> <String>;
                actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
            LaesEnergiindtag[xIndskrevet]:
                2>> <String>;
                actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
            LaesMedicin[xIndskrevet]:
                2>> <String>;
                actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
            LaesNavn[xIndskrevet]:
                2>> <String>;
                actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
            LaesSymptomer[xIndskrevet]:
                2>> <String>;
                actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
            LaesVaerelse[xIndskrevet]:
                2>> <String>;
                actions<xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
            LaesVaeskeindtag[xIndskrevet]:
                2>> <String>;

```

```

        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivAffoering[[xIndskrevet]]:
        1<< ⟨Bool⟩ as xAffoering[[true]];
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivAftale[[xIndskrevet]]:
        1<< ⟨String⟩;
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivCPR[[xIndskrevet]]:
        1<< ⟨String⟩;
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivEnergiindtag[[xIndskrevet]]:
        1<< ⟨String⟩;
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivIndskrevet:
        1<< ⟨Bool⟩ as xIndskrevet[[true]];
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivInformeret[[xIndskrevet]]:
        1<< ⟨Bool⟩ as xInformeret[[true]];
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivMedicin[[xIndskrevet]]:
        1<< ⟨String⟩;
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivMedicinering[[xIndskrevet]]:
        1<< ⟨Bool⟩ as xMedicinMorgen[[true]];
        1<< ⟨Bool⟩ as xMedicinEftermiddag[[true]];
        1<< ⟨Bool⟩ as xMedicinAften[[true]];
        actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

        SkrivNavn[[xIndskrevet]]:

```

```

1 << ⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivOperation[xIndskrevet]:
1 << ⟨Bool⟩ as xOperation[true];
actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivReserveret[xIndskrevet]:
1 << ⟨Bool⟩ as xReserveret[true];
actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivSymptomer[xIndskrevet]:
1 << ⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivUrinering[xIndskrevet]:
1 << ⟨Bool⟩ as xUrinering[true];
actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivVaerelse[xIndskrevet]:
1 << ⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

SkrivVaeskeindtag[xIndskrevet]:
1 << ⟨String⟩;
actions⟨xIndskrevet, xUrinering, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩

} @ (1 of 2);
rec stuegang⟨xUrinering:Bool=xUrinering, xAffoering:Bool=xAffoering,
xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer, xJournalOpdateret:Bool=xJournalOpdateret,
xOperation:Bool=xOperation, xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret,
xMedicinMorgen:Bool=xMedicinMorgen, xMedicinEftermiddag:Bool=xMedicinEftermiddag,
xMedicinAften:Bool=xMedicinAften⟩.
{ Medicin:
2 → 1:1 ⟨String⟩;
2 → 3:3 ⟨String⟩;
2 → 1:1 ⟨Bool⟩ as newMedicinMorgen[[true]];
2 → 3:3 ⟨Bool⟩ as pMedicinMorgen[[(newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen)]];

```

```

2→1:1(Bool) as newMedicinEftermiddag[[true]];
2→3:3(Bool) as pMedicinEftermiddag[[((newMedicinEftermiddag
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag))]];
2→1:1(Bool) as newMedicinAften[[true]];
2→3:3(Bool) as pMedicinAften[[((newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften))]];
stuegang(xUrineret, xAffering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
newMedicinMorgen, newMedicinEftermiddag, newMedicinAften) ,
Operer:
2→1:1(Bool) as newOperation[[true]];
2→3:3(Bool) as pOperation[[((newOperation
or not pOperation) and (not newOperation or pOperation))]];
2→1:1(Bool) as newInformeret[[true]];
2→3:3(Bool) as pInformeret[[((newInformeret
or not pInformeret) and (not newInformeret or pInformeret))]];
stuegang(xUrineret, xAffering, xUdskriv,
xJournalHer, xJournalOpdateret, newOperation, newInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften) ,
Udskriv[(xUrineret and xAffering)]:
2→1:1(Bool) as newUdskriv[[true]];
2→3:3(Bool) as pUdskriv[[((newUdskriv
or not pUdskriv) and (not newUdskriv or pUdskriv))]];
stuegang(xUrineret, xAffering, newUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften) ,
AfslutStuegang:
2→3:3(rec actions(xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAffering:Bool=xAffering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
1<<
{ Arkiver[not xIndskrevet]:
end,
LaesAftale[xIndskrevet]:
2>> (String);
actions(xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
LaesCPR[xIndskrevet]:
2>> (String);
actions(xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
LaesEnergiindtag[xIndskrevet]:
2>> (String);

```

```

        actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesMedicin[xIndskrevet]:
    2>> (String);
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesNavn[xIndskrevet]:
    2>> (String);
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesSymptomer[xIndskrevet]:
    2>> (String);
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaerelse[xIndskrevet]:
    2>> (String);
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaeskeindtag[xIndskrevet]:
    2>> (String);
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAffoering[xIndskrevet]:
    1<< (Bool) as xAffoering[true];
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAftale[xIndskrevet]:
    1<< (String);
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivCPR[xIndskrevet]:
    1<< (String);
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivEnergiindtag[xIndskrevet]:
    1<< (String);
    actions(xIndskrevet, xUrinerings,

```



```

xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivIndskrevet:
    1<< <Bool> as xIndskrevet[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivInformeret[xIndskrevet]:
    1<< <Bool> as xInformeret[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicin[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicinering[xIndskrevet]:
    1<< <Bool> as xMedicinMorgen[true];
    1<< <Bool> as xMedicinEftermiddag[true];
    1<< <Bool> as xMedicinAften[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivNavn[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivOperation[xIndskrevet]:
    1<< <Bool> as xOperation[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivReserveret[xIndskrevet]:
    1<< <Bool> as xReserveret[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivSymptomer[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivUrineret[xIndskrevet]:
    1<< <Bool> as xUrineret[true];

```

```

        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

        SkrivVaerelse[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

        SkrivVaeskeindtag[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)

        }@(1 of 2));
        treatment(xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)
    },
    TilsynAften[xJournalHer]:
    1→3:3(Bool) as newUrineret[[true]];
    3→2:2(Bool) as pUrineret[[((newUrineret
or not pUrineret) and (not newUrineret or pUrineret))]];
    1→3:3(Bool) as newAffoering[[true]];
    3→2:2(Bool) as pAffoering[[((newAffoering
or not pAffoering) and (not newAffoering or pAffoering))]];
    treatment(newUrineret, newAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften) ,
    TilsynEftermiddag[xJournalHer]:
    1→3:3(Bool) as newUrineret[[true]];
    3→2:2(Bool) as pUrineret[[((newUrineret
or not pUrineret) and (not newUrineret or pUrineret))]];
    1→3:3(Bool) as newAffoering[[true]];
    3→2:2(Bool) as pAffoering[[((newAffoering
or not pAffoering) and (not newAffoering or pAffoering))]];
    treatment(newUrineret, newAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften) ,
    TilsynMorgen[xJournalHer]:
    1→3:3(Bool) as newUrineret[[true]];
    3→2:2(Bool) as pUrineret[[((newUrineret
or not pUrineret) and (not newUrineret or pUrineret))]];
    1→3:3(Bool) as newAffoering[[true]];
    3→2:2(Bool) as pAffoering[[((newAffoering
or not pAffoering) and (not newAffoering or pAffoering))]];
    treatment(newUrineret, newAffoering, xUdskriv,

```

```

xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften) ,
    Udskriv[(xUdskriv and xJournalHer)]:
    end
    })
( def Laege=
    link(3,behandling,s,2);
    ( Laege()
    | def Behandling(xUrining: Bool,
        xAfoering: Bool,
        xUdskriv: Bool,
        xJournalHer: Bool,
        xJournalOpdateret: Bool,
        xOperation: Bool,
        xInformeret: Bool,
        xReserveret: Bool,
        xMedicinMorgen: Bool,
        xMedicinEftermiddag: Bool,
        xMedicinAften: Bool)
        (b: rec treatment(xUrining:Bool=xUrining,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
            { Dikter[xJournalHer]:
                treatment(xUrining, xAffoering, xUdskriv,
xJournalHer, true, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften), Flyt[xJournalHer]:
                treatment(xUrining, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften), HentJournalHer:
                treatment(xUrining, xAffoering, xUdskriv,
true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften), MedicinAften[(xJournalHer
and xMedicinAften)]:
                treatment(xUrining, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, false), MedicinEftermiddag:
                treatment(xUrining, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, false, xMedicinAften), MedicinMorgen[(xJournalHer
and xMedicinMorgen)]:
                treatment(xUrining, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,

```

```

false, xMedicinEftermiddag, xMedicinAften),
and xOperation) and xInformeret) and xReserveret]]:
    { AfslutOperation[true]:
        treatment(xUrinerings, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)
        },
Reserver[((xJournalHer
and xOperation) and not xReserveret)]:
    treatment(xUrinerings, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, true, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),
SendJournal[ (xJournalHer
and xJournalOpdateret)]:
    treatment(xUrinerings, xAffoering, xUdskriv,
false, xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),
Stuegang[(((xJournalHer
and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften)]:
    2>> <rec actions(xIndskrevet:Bool=true,
xUrinerings:Bool=xUrinerings, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
    1<<
    { Arkiver[not xIndskrevet]:
        end,
    LaesAftale[xIndskrevet]:
        2>> <String>;
        actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesCPR[xIndskrevet]:
        2>> <String>;
        actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesEnergiindtag[xIndskrevet]:
        2>> <String>;
        actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesMedicin[xIndskrevet]:
        2>> <String>;
        actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
    LaesNavn[xIndskrevet]:
        2>> <String>;
        actions(xIndskrevet, xUrinerings,

```

```

xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesSymptomer[xIndskrevet]:
    2>> <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaerelse[xIndskrevet]:
    2>> <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaeskeindtag[xIndskrevet]:
    2>> <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAffoering[xIndskrevet]:
    1<< <Bool> as xAffoering[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAftale[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivCPR[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivEnergiindtag[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivIndskrevet:
    1<< <Bool> as xIndskrevet[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivInformeret[xIndskrevet]:
    1<< <Bool> as xInformeret[true];
    actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften),

SkrivMedicin[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivMedicinering[xIndskrevet]:
  1<< <Bool> as xMedicinMorgen[true];
  1<< <Bool> as xMedicinEftermiddag[true];
  1<< <Bool> as xMedicinAften[true];
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivNavn[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivOperation[xIndskrevet]:
  1<< <Bool> as xOperation[true];
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivReserveret[xIndskrevet]:
  1<< <Bool> as xReserveret[true];
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivSymptomer[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivUrinerings[xIndskrevet]:
  1<< <Bool> as xUrinerings[true];
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivVaerelse[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivVaeskeindtag[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrinerings,

```

```

xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)

    }@(1 of 2));
    rec stuegang<xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
    { Medicin[[true]]:
        1<< <String>;
        3<< <String>;
        1<< <Bool> as newMedicinMorgen[[true]];
        3<< <Bool> as pMedicinMorgen[(newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen)]];
        1<< <Bool> as newMedicinEftermiddag[[true]];
        3<< <Bool> as pMedicinEftermiddag[(newMedicinEftermiddag
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag)]];
        1<< <Bool> as newMedicinAften[[true]];
        3<< <Bool> as pMedicinAften[(newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften)]];
        stuegang<xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften>,
        Operer[[true]]:
            1<< <Bool> as newOperation[[true]];
            3<< <Bool> as pOperation[(newOperation
or not pOperation) and (not newOperation or pOperation)]];
            1<< <Bool> as newInformeret[[true]];
            3<< <Bool> as pInformeret[(newInformeret
or not pInformeret) and (not newInformeret or pInformeret)]];
            stuegang<xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, newOperation, newInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
            and xAffoering):
                1<< <Bool> as newUdskriv[[true]];
                3<< <Bool> as pUdskriv[(newUdskriv
or not pUdskriv) and (not newUdskriv or pUdskriv)]];
                stuegang<xUrinering, xAffoering,
newUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
                3<< <rec actions<xIndskrevet:Bool=true,
xUrinering:Bool=xUrinering, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
                1<<
                { Arkiver[[not xIndskrevet]]:

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        end,
        LaesAftale[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        LaesCPR[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        LaesEnergiindtag[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        LaesMedicin[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        LaesNavn[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        LaesSymptomer[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        LaesVaerelse[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        LaesVaeskeindtag[xIndskrevet]:
        2>> <String>;
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

        SkrivAffoering[xIndskrevet]:
        1<< <Bool> as xAffoering[true];
        actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

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SkrivAftale[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivCPR[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivEnergiindtag[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivIndskrevet:
  1<< <Bool> as xIndskrevet[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivInformeret[xIndskrevet]:
  1<< <Bool> as xInformeret[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicin[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicinering[xIndskrevet]:
  1<< <Bool> as xMedicinMorgen[true];
  1<< <Bool> as xMedicinEftermiddag[true];
  1<< <Bool> as xMedicinAften[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivNavn[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivOperation[xIndskrevet]:
  1<< <Bool> as xOperation[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften),

                                SkrivReserveret[xIndskrevet]:
                                1<<⟨Bool⟩ as xReserveret[true];
                                actions⟨xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivSymptomer[xIndskrevet]:
                                1<<⟨String⟩;
                                actions⟨xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivUrineret[xIndskrevet]:
                                1<<⟨Bool⟩ as xUrineret[true];
                                actions⟨xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivVaerelse[xIndskrevet]:
                                1<<⟨String⟩;
                                actions⟨xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivVaeskeindtag[xIndskrevet]:
                                1<<⟨String⟩;
                                actions⟨xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩

                                }@(1 of 2));
                                treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
                                },
                                TilsynAften[xJournalHer]:
                                ∀ newUrineret [true];
                                2>>
                                ⟨Bool⟩ as pUrineret[⟨(newUrineret or not pUrineret) and (not newUrineret
or pUrineret)⟩];
                                ∀ newAffoering [true];
                                2>>
                                ⟨Bool⟩ as pAffoering[⟨(newAffoering or not pAffoering) and (not newAffoering
or pAffoering)⟩];
                                treatment⟨newUrineret, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
                                ∀ newUrineret [true];
                                2>>
                                ⟨Bool⟩ as pUrineret[⟨(newUrineret or not pUrineret) and (not newUrineret
or pUrineret)⟩];
                                ∀ newAffoering [true];
                                2>>
                                ⟨Bool⟩ as pAffoering[⟨(newAffoering or not pAffoering) and (not newAffoering
or pAffoering)⟩];

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        treatment<newUrinerIng, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
        ∇ newUrinerIng [[true]];
<Bool> as pUrinerIng[(newUrinerIng or not pUrinerIng) and (not newUrinerIng
or pUrinerIng)];
        ∇ newAffoering [[true]];
<Bool> as pAffoering[(newAffoering or not pAffoering) and (not newAffoering
or pAffoering)];
        treatment<newUrinerIng, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
and xJournalHer)];
        end
    }@(2 of 3))=
def Stuegang<xUrinerIng: Bool,
xAffoering: Bool,
xUdskriv: Bool,
xJournalOpdateret: Bool,
xOperation: Bool,
xInformeret: Bool,
xReserveret: Bool,
xMedicinMorgen: Bool,
xMedicinEftermiddag: Bool,
xMedicinAften: Bool>
(b: rec stuegang<xUrinerIng:Bool=xUrinerIng,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=true,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
    { Medicin[[true]]:
        1<< <String>;
        3<< <String>;
        1<< <Bool> as newMedicinMorgen1[[true]];
        3<< <Bool> as pMedicinMorgen2[(newMedicinMorgen1
or not pMedicinMorgen2) and (not newMedicinMorgen1 or pMedicinMorgen2)];
        1<< <Bool> as newMedicinEftermiddag3[[true]];
        3<< <Bool> as pMedicinEftermiddag4[(newMedicinEftermiddag3
or not pMedicinEftermiddag4) and (not newMedicinEftermiddag3 or pMedicinEftermiddag4)];
        1<< <Bool> as newMedicinAften5[[true]];
        3<< <Bool> as pMedicinAften6[(newMedicinAften5
or not pMedicinAften6) and (not newMedicinAften5 or pMedicinAften6)];
        stuegang<xUrinerIng, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
newMedicinMorgen1, newMedicinEftermiddag3, newMedicinAften5>,
        1<< <Bool> as newOperation7[[true]];

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3<< <Bool> as pOperation8[(newOperation7
or not pOperation8) and (not newOperation7 or pOperation8)];
1<< <Bool> as newInformeret9[true];
3<< <Bool> as pInformeret10[(newInformeret9
or not pInformeret10) and (not newInformeret9 or pInformeret10)];
stuegang(xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, newOperation7, newInformeret9, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xAffoering)];
1<< <Bool> as newUdskriv11[true];
3<< <Bool> as pUdskriv12[(newUdskriv11
or not pUdskriv12) and (not newUdskriv11 or pUdskriv12)];
stuegang(xUrineret, xAffoering, newUdskriv11,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
3<< <rec actions>(xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
1<<
{ Arkiver[not xIndskrevet]:
end,
LaesAftale[xIndskrevet]:
2>> <String>;
actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
LaesCPR[xIndskrevet]:
2>> <String>;
actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
LaesEnergiindtag[xIndskrevet]:
2>> <String>;
actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
LaesMedicin[xIndskrevet]:
2>> <String>;
actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
LaesNavn[xIndskrevet]:
2>> <String>;
actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

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Udskriv[(

AfslutStu

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xMedicinAften),

LaesSymptomer[xIndskrevet]:
  2>> <String>;
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesVaerelse[xIndskrevet]:
  2>> <String>;
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesVaeskeindtag[xIndskrevet]:
  2>> <String>;
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivAffoering[xIndskrevet]:
  1<< <Bool> as xAffoering[true];
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivAftale[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivCPR[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivEnergiindtag[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivIndskrevet:
  1<< <Bool> as xIndskrevet[true];
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivInformeret[xIndskrevet]:
  1<< <Bool> as xInformeret[true];
  actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

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SkrivMedicin[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivMedicinering[xIndskrevet]:
  1<< <Bool> as xMedicinMorgen[true];
  1<< <Bool> as xMedicinEftermiddag[true];
  1<< <Bool> as xMedicinAften[true];
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivNavn[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivOperation[xIndskrevet]:
  1<< <Bool> as xOperation[true];
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivReserveret[xIndskrevet]:
  1<< <Bool> as xReserveret[true];
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivSymptomer[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivUrining[xIndskrevet]:
  1<< <Bool> as xUrining[true];
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivVaerelse[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivVaeskeindtag[xIndskrevet]:
  1<< <String>;
  actions(xIndskrevet, xUrining,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften)
                                }@(1 of 2));
                                rec treatment<xUrinerings:Bool=xUrinerings,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
                                { Dikter[[xJournalHer]]:
                                    treatment<xUrinerings, xAffoering,
xUdskriv, xJournalHer, true, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
                                    treatment<xUrinerings, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
xJournalHer]]:
                                    treatment<xUrinerings, xAffoering,
xUdskriv, true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                    MedicinAften[(xJournalHer)]]:
                                    treatment<xUrinerings, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, false>,
                                    and xMedicinEftermiddag]]:
                                    treatment<xUrinerings, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, false, xMedicinAften>,
                                    and xMedicinMorgen]]:
                                    treatment<xUrinerings, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, false, xMedicinEftermiddag, xMedicinAften>,
                                    and xOperation) and xInformeret) and xReserveret]]:
                                    { AfslutOperation[[true]]:
                                        treatment<xUrinerings, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>
                                    },
                                    Reserveret[(xJournalHer)]]:
                                    treatment<xUrinerings, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
true, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
                                    and xJournalOpdateret]]:
                                    treatment<xUrinerings, xAffoering,
xUdskriv, false, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
                                    and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften]]:
2>> <rec actions<xIndskrevet:Bool=true,

```

```

xUrinering:Bool=xUrinering, xAffering:Bool=xAffering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).

1<<
{ Arkiver[[not xIndskrevet]]:
  end,
  LaesAftale[[xIndskrevet]]:
    2>> <String>;
    actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

    LaesCPR[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

    LaesEnergiindtag[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

    LaesMedicin[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

    LaesNavn[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

    LaesSymptomer[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

    LaesVaerelse[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

    LaesVaeskeindtag[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrinering,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

```



```

SkrivAffoering[xIndskrevet]:
  1<< <Bool> as xAffoering[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAftale[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivCPR[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivEnergiindtag[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivIndskrevet:
  1<< <Bool> as xIndskrevet[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivInformeret[xIndskrevet]:
  1<< <Bool> as xInformeret[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicin[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicinering[xIndskrevet]:
  1<< <Bool> as xMedicinMorgen[true];
  1<< <Bool> as xMedicinEftermiddag[true];
  1<< <Bool> as xMedicinAften[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivNavn[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften),

                                SkrivOperation[xIndskrevet]:
                                1<< <Bool> as xOperation[true];
                                actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

                                SkrivReserveret[xIndskrevet]:
                                1<< <Bool> as xReserveret[true];
                                actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

                                SkrivSymptomer[xIndskrevet]:
                                1<< <String>;
                                actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

                                SkrivUrinering[xIndskrevet]:
                                1<< <Bool> as xUrinering[true];
                                actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

                                SkrivVaerelse[xIndskrevet]:
                                1<< <String>;
                                actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

                                SkrivVaeskeindtag[xIndskrevet]:
                                1<< <String>;
                                actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>

                                }@(1 of 2));
                                rec stuegang<xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
                                { Medicin[true]:
                                1<< <String>;
                                3<< <String>;
                                1<< <Bool> as newMedicinMorgen[true];
                                3<< <Bool> as pMedicinMorgen[[(newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen)]];
                                1<< <Bool> as newMedicinEftermiddag[true];
                                3<< <Bool> as pMedicinEftermiddag[[(newMedicinEftermi
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag)]];

```

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1<< <Bool> as newMedicinAften[true];
3<< <Bool> as pMedicinAften[[(newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften)]];
stuegang<xUrineret, xAffering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften>,
Operer[true]:
1<< <Bool> as newOperation[true];
3<< <Bool> as pOperation[[(newOperation
or not pOperation) and (not newOperation or pOperation)]];
1<< <Bool> as newInformeret[true];
3<< <Bool> as pInformeret[[(newInformeret
or not pInformeret) and (not newInformeret or pInformeret)]];
stuegang<xUrineret, xAffering,
xUdskriv, xJournalHer, xJournalOpdateret, newOperation, newInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
and xAffering)];
1<< <Bool> as newUdskriv[true];
3<< <Bool> as pUdskriv[[(newUdskriv
or not pUdskriv) and (not newUdskriv or pUdskriv)]];
stuegang<xUrineret, xAffering,
newUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
3<< <rec actions<xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAffering:Bool=xAffering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
1<<
{ Arkiver[not xIndskrevet]:
end,
LaesAftale[xIndskrevet]:
2>> <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
LaesCPR[xIndskrevet]:
2>> <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
LaesEnergiindtag[xIndskrevet]:
2>> <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
LaesMedicin[xIndskrevet]:

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```

2>> ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

LaesNavn[[xIndskrevet]]:
2>> ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

LaesSymptomer[[xIndskrevet]]:
2>> ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

LaesVaerelse[[xIndskrevet]]:
2>> ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

LaesVaeskeindtag[[xIndskrevet]]:
2>> ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

SkrivAffoering[[xIndskrevet]]:
1<< ⟨Bool⟩ as xAffoering[[true]];
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

SkrivAftale[[xIndskrevet]]:
1<< ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

SkrivCPR[[xIndskrevet]]:
1<< ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

SkrivEnergiindtag[[xIndskrevet]]:
1<< ⟨String⟩;
actions⟨xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,

SkrivIndskrevet:
1<< ⟨Bool⟩ as xIndskrevet[[true]];

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        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivInformeret[xIndskrevet]:
        1<< <Bool> as xInformeret[true];
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivMedicin[xIndskrevet]:
        1<< <String>;
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivMedicinering[xIndskrevet]:
        1<< <Bool> as xMedicinMorgen[true];
        1<< <Bool> as xMedicinEftermiddag[true];
        1<< <Bool> as xMedicinAften[true];
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivNavn[xIndskrevet]:
        1<< <String>;
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivOperation[xIndskrevet]:
        1<< <Bool> as xOperation[true];
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivReserveret[xIndskrevet]:
        1<< <Bool> as xReserveret[true];
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivSymptomer[xIndskrevet]:
        1<< <String>;
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivUrinerer[xIndskrevet]:
        1<< <Bool> as xUrinerer[true];
        actions(xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

        SkrivVaerelse[xIndskrevet]:

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```

1 << ⟨String⟩;
actions⟨xIndskrevet,
xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
SkrivVaeskeindtag[xIndskrevet]:
1 << ⟨String⟩;
actions⟨xIndskrevet,
xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩
}@ (1 of 2));
treatment⟨xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩
}, TilsynAften[xJournalHer];
∀ newUrinering [[true]];
⟨Bool⟩ as pUrinering [[(newUrinering or not pUrinering) and (not newUrinering
or pUrinering)]];
∀ newAffoering [[true]];
⟨Bool⟩ as pAffoering [[(newAffoering or not pAffoering) and (not newAffoering
or pAffoering)]];
treatment⟨newUrinering, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
∀ newUrinering [[true]];
⟨Bool⟩ as pUrinering [[(newUrinering or not pUrinering) and (not newUrinering
or pUrinering)]];
∀ newAffoering [[true]];
⟨Bool⟩ as pAffoering [[(newAffoering or not pAffoering) and (not newAffoering
or pAffoering)]];
treatment⟨newUrinering, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
∀ newUrinering [[true]];
⟨Bool⟩ as pUrinering [[(newUrinering or not pUrinering) and (not newUrinering
or pUrinering)]];
∀ newAffoering [[true]];
⟨Bool⟩ as pAffoering [[(newAffoering or not pAffoering) and (not newAffoering
or pAffoering)]];
treatment⟨newUrinering, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
and xJournalHer));
end
}
}@ (2 of 3),
j: rec actions⟨xIndskrevet:Bool=true, xUrinering:Bool=xUrinering,

```

```

xAffoering:Bool=xAffoering, xOperation:Bool=xOperation, xInformeret:Bool=xInformeret,
xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen, xMedicinEftermiddag:Bool=x
xMedicinAften:Bool=xMedicinAften).
1<<
{ Arkiver[[not xIndskrevet]]:
  end,
  LaesAftale[[xIndskrevet]]:
    2>> <String>;
    actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesCPR[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesEnergiindtag[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesMedicin[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesNavn[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesSymptomer[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesVaerelse[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,
    LaesVaeskeindtag[[xIndskrevet]]:
      2>> <String>;
      actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

```

```

SkrivAffoering[xIndskrevet]:
  1<< <Bool> as xAffoering[true];
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAftale[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivCPR[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivEnergiindtag[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivIndskrevet:
  1<< <Bool> as xIndskrevet[true];
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivInformeret[xIndskrevet]:
  1<< <Bool> as xInformeret[true];
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicin[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicinering[xIndskrevet]:
  1<< <Bool> as xMedicinMorgen[true];
  1<< <Bool> as xMedicinEftermiddag[true];
  1<< <Bool> as xMedicinAften[true];
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivNavn[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```



```

xMedicinAften),

                                SkrivOperation[xIndskrevet]:
                                1<<⟨Bool⟩ as xOperation[true];
                                actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivReserveret[xIndskrevet]:
                                1<<⟨Bool⟩ as xReserveret[true];
                                actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivSymptomer[xIndskrevet]:
                                1<<⟨String⟩;
                                actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivUrineret[xIndskrevet]:
                                1<<⟨Bool⟩ as xUrineret[true];
                                actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivVaerelse[xIndskrevet]:
                                1<<⟨String⟩;
                                actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,

                                SkrivVaeskeindtag[xIndskrevet]:
                                1<<⟨String⟩;
                                actions⟨xIndskrevet, xUrineret, xAffoering,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩

                                }@(1 of 2))=
guivalue(3,b,2,"Urineret",if xUrineret then "Ja" else
"Nej");
guivalue(3,b,2,"Affoering",if xAffoering then "Ja" else
"Nej");
guivalue(3,b,2,"Udskrives",if xUdskriv then "Ja" else
"Nej");
guivalue(3,b,2,"Journal er her","Ja");
guivalue(3,b,2,"Journal skal opdateres",if xJournalOpdateret
then "Ja" else "Nej");
guivalue(3,b,2,"Opereres",if xOperation then "Ja" else
"Nej");
guivalue(3,b,2,"Patient er informeret",if xInformeret
then "Ja" else "Nej");
guivalue(3,b,2,"Operationsstue er reserveret",if xReserveret

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```

then "Ja" else "Nej");
    guivalue(3,b,2,"Medicineres til Morgen",if xMedicinMorgen
then "Ja" else "Nej");
    guivalue(3,b,2,"Medicineres til Eftermiddag",if xMedicinEftermiddag
then "Ja" else "Nej");
    guivalue(3,b,2,"Medicineres til Aften",if xMedicinAften
then "Ja" else "Nej");
    guisync(3,b,2)
    { Medicin(medicin="": String,morgen=xMedicinMorgen:
Bool,eftermiddag=xMedicinEftermiddag: Bool,aften=xMedicinAften: Bool):
        b[1]≡medicin;
        b[3]≡medicin;
        j[1]≡ SkrivMedicin;
        j[1]≡medicin;
        b[1]≡morgen;
        b[3]≡morgen;
        b[1]≡eftermiddag;
        b[3]≡eftermiddag;
        b[1]≡aften;
        b[3]≡aften;
        j[1]≡ SkrivMedicinering;
        j[1]≡morgen;
        j[1]≡eftermiddag;
        j[1]≡aften;
        Stuegang(xUrineret, xAffoering, xUdskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, morgen, eftermiddag, aften)(b,
j),
        Operer(operer=xOperation: Bool,patientinformeret=false:
Bool):
            b[1]≡operer;
            b[3]≡operer;
            b[1]≡patientinformeret;
            b[3]≡patientinformeret;
            j[1]≡ SkrivOperation;
            j[1]≡operer;
            j[1]≡ SkrivInformeret;
            j[1]≡patientinformeret;
            Stuegang(xUrineret, xAffoering, xUdskriv, xJournalOpdateret,
operer, patientinformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b, j),
            Udskriv[(xUrineret and xAffoering)](udskriv=xUdskriv:
Bool):
                b[1]≡udskriv;
                b[3]≡udskriv;
                Stuegang(xUrineret, xAffoering, udskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften)(b, j),
    AfslutStuegang(kommentar="": String):
        b[3] << j;
        Behandling(xUrineret, xAffoering, xUdskriv, true,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b)
    }
    in guivalue(3,b,2,"Urineret",if xUrineret then "Ja" else
"Nej");
        guivalue(3,b,2,"Affoering",if xAffoering then "Ja" else
"Nej");
        guivalue(3,b,2,"Udskrives",if xUdskriv then "Ja" else
"Nej");
        guivalue(3,b,2,"Journal er her",if xJournalHer then
"Ja" else "Nej");
        guivalue(3,b,2,"Journal skal opdateres",if xJournalOpdateret
then "Ja" else "Nej");
        guivalue(3,b,2,"Opereres",if xOperation then "Ja" else
"Nej");
        guivalue(3,b,2,"Patient er informeret",if xInformeret
then "Ja" else "Nej");
        guivalue(3,b,2,"Operationsstue er reserveret",if xReserveret
then "Ja" else "Nej");
        guivalue(3,b,2,"Medicineres til Morgen",if xMedicinMorgen
then "Ja" else "Nej");
        guivalue(3,b,2,"Medicineres til Eftermiddag",if xMedicinEftermiddag
then "Ja" else "Nej");
        guivalue(3,b,2,"Medicineres til Aften",if xMedicinAften
then "Ja" else "Nej");
        guisync(3,b,2)
        { Dikter[xJournalHer](diktat="": String):
            Behandling(xUrineret, xAffoering, xUdskriv, xJournalHer,
true, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
            Flyt[xJournalHer]():
                Behandling(xUrineret, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
            HentJournal[not xJournalHer]():
                Behandling(xUrineret, xAffoering, xUdskriv, true,
false, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
            MedicinAften[(xJournalHer and xMedicinAften)]():
                Behandling(xUrineret, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, false)(b),

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MedicinEftermiddag[(xJournalHer and xMedicinEftermiddag)]():
    Handling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
false, xMedicinAften)(b),
MedicinMorgen[(xJournalHer and xMedicinMorgen)]():
    Handling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, false, xMedicinEftermiddag,
xMedicinAften)(b),
Operer[((xJournalHer and xOperation) and xInformeret)
and xReserveret)](kommentar="": String):
    guisync(3,b,2)
    { AfslutOperation(kommentar=kommentar: String):
        Handling(xUrinerer, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b)
    },
Reserver[((xJournalHer and xOperation) and not xReserveret)]():
    Handling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, true, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
SendJournal[(xJournalHer and xJournalOpdateret)]():
    Handling(xUrinerer, xAffoering, xUdskriv, false,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
Stuegang[((xJournalHer and not xMedicinMorgen) and
not xMedicinEftermiddag) and not xMedicinAften)](kommentar="": String):
    b[2]>>j;
    Stuegang(xUrinerer, xAffoering, xUdskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b, j),
TilsynAften[xJournalHer]() :
    b[2]>>xUrinerer;
    b[2]>>xAffoering;
    Handling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
TilsynEftermiddag[xJournalHer]() :
    b[2]>>xUrinerer;
    b[2]>>xAffoering;
    Handling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
TilsynMorgen[xJournalHer]() :
    b[2]>>xUrinerer;
    b[2]>>xAffoering;
    Handling(xUrinerer, xAffoering, xUdskriv, xJournalHer,

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xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
    Udskriv[(xUdskriv and xJournalHer)]():
        end
    }
    in Behandling(false, false, false, true, false, false, false,
false, false, false, false)(s)
)
in Laege()
| ( def Sygeplejer=
    link(3,behandling,s,3);
    ( Sygeplejer()
    | def MedJournal(xUrinering: Bool,
        xAffoering: Bool,
        xUdskriv: Bool,
        xJournalOpdateret: Bool,
        xOperation: Bool,
        xInformeret: Bool,
        xReserveret: Bool,
        xMedicinMorgen: Bool,
        xMedicinEftermiddag: Bool,
        xMedicinAften: Bool)
        (b: rec treatment(xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=true,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
        { Dikter[xJournalHer]:
            treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, true, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
            treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
xJournalHer]:
            treatment(xUrinering, xAffoering,
xUdskriv, true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),
            MedicinAften[(xJournalHer
and xMedicinAften)]():
            treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, false),
            and xMedicinEftermiddag)]():
            treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, false, xMedicinAften),

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and xMedicinMorgen)]]:
    treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, false, xMedicinEftermiddag, xMedicinAften),
and xOperation) and xInformeret) and xReserveret)]]:
    { AfslutOperation[true]:
        treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)
    },
and xOperation) and not xReserveret)]]:
    treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
true, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xJournalOpdateret)]]:
    treatment(xUrinering, xAffoering,
xUdskriv, false, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften)]]:
    2<< (rec actions(xIndskrevet:Bool=true,
xUrinering:Bool=xUrinering, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
    1<<
    { Arkiver[not xIndskrevet]:
        end,
        LaesAftale[xIndskrevet]:
            2>> (String);
            actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
        LaesCPR[xIndskrevet]:
            2>> (String);
            actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
        LaesEnergiindtag[xIndskrevet]:
            2>> (String);
            actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),
        LaesMedicin[xIndskrevet]:
            2>> (String);
            actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

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LaesNavn[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesSymptomer[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesVaerelse[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesVaeskeindtag[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAffoering[xIndskrevet]:
  1<< <Bool> as xAffoering[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAftale[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivCPR[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivEnergiindtag[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivIndskrevet:
  1<< <Bool> as xIndskrevet[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivInformeret[xIndskrevet]:

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1 << <Bool> as xInformeret[[true]];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicin[[xIndskrevet]]:
1 << <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicinering[[xIndskrevet]]:
1 << <Bool> as xMedicinMorgen[[true]];
1 << <Bool> as xMedicinEftermiddag[[true]];
1 << <Bool> as xMedicinAften[[true]];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivNavn[[xIndskrevet]]:
1 << <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivOperation[[xIndskrevet]]:
1 << <Bool> as xOperation[[true]];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivReserveret[[xIndskrevet]]:
1 << <Bool> as xReserveret[[true]];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivSymptomer[[xIndskrevet]]:
1 << <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivUrinering[[xIndskrevet]]:
1 << <Bool> as xUrinering[[true]];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivVaerelse[[xIndskrevet]]:
1 << <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

```



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SkrivVaeskeindtag[xIndskrevet]:
  1<< ⟨String⟩;
  actions⟨xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩
    }@⟨1 of 2⟩;
  rec stuegang⟨xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.
    { Medicin[[true]]:
      3>> ⟨String⟩;
      ∀ newMedicinMorgen [[true]];
      ⟨Bool⟩ as pMedicinMorgen[[((newMedicinMorgen or not pMedicinMorgen) and
(not newMedicinMorgen or pMedicinMorgen))]];
      ∀ newMedicinEftermiddag [[true]];
      3>> ⟨Bool⟩ as pMedicinEftermiddag[[((newMedicinEftermiddag or not pMedicinEftermiddag) and
(not newMedicinEftermiddag or pMedicinEftermiddag))]];
      ∀ newMedicinAften [[true]];
      ⟨Bool⟩ as pMedicinAften[[((newMedicinAften or not pMedicinAften) and
(not newMedicinAften or pMedicinAften))]];
      stuegang⟨xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften⟩,
      Operer[[true]]:
        ∀ newOperation [[true]];
        ⟨Bool⟩ as pOperation[[((newOperation or not pOperation) and (not newOperation
or pOperation))]];
        ∀ newInformeret [[true]];
        ⟨Bool⟩ as pInformeret[[((newInformeret or not pInformeret) and (not newInformeret
or pInformeret))]];
        stuegang⟨xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, newOperation, newInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
        and xAffoering)):
          ∀ newUdskriv [[true]];
          ⟨Bool⟩ as pUdskriv[[((newUdskriv or not pUdskriv) and (not newUdskriv
or pUdskriv))]];
          stuegang⟨xUrinering, xAffoering,
newUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
          3>> ⟨rec actions⟨xIndskrevet:Bool=true,
xUrinering:Bool=xUrinering, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.

```

```

1<<
{ Arkiver[[not xIndskrevet]]:
  end,
  LaesAftale[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesCPR[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesEnergiindtag[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesMedicin[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesNavn[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesSymptomer[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaerelse[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaeskeindtag[[xIndskrevet]]:
    2>> (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAffoering[[xIndskrevet]]:
    1<< (Bool) as xAffoering[[true]];
    actions(xIndskrevet, xUrinering,

```

```

xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAftale[[xIndskrevet]]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivCPR[[xIndskrevet]]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivEnergiindtag[[xIndskrevet]]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivIndskrevet:
        1<< (Bool) as xIndskrevet[[true]];
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivInformeret[[xIndskrevet]]:
        1<< (Bool) as xInformeret[[true]];
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicin[[xIndskrevet]]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicinering[[xIndskrevet]]:
        1<< (Bool) as xMedicinMorgen[[true]];
        1<< (Bool) as xMedicinEftermiddag[[true]];
        1<< (Bool) as xMedicinAften[[true]];
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivNavn[[xIndskrevet]]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivOperation[[xIndskrevet]]:
        1<< (Bool) as xOperation[[true]];

```

```

        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

        SkrivReserveret[xIndskrevet]:
        1<< (Bool) as xReserveret[true];
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

        SkrivSymptomer[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

        SkrivUrinering[xIndskrevet]:
        1<< (Bool) as xUrinering[true];
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

        SkrivVaerelse[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

        SkrivVaeskeindtag[xIndskrevet]:
        1<< (String);
        actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)

        }@(1 of 2));
        treatment(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)
    },
    TilsynAften[xJournalHer]
    3>> (Bool) as newUrinering[true];
    2<< (Bool) as pUrinering[[(newUrinering
or not pUrinering) and (not newUrinering or pUrinering)]];
    3>> (Bool) as newAffoering[true];
    2<< (Bool) as pAffoering[[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)]];
    treatment(newUrinering, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    3>> (Bool) as newUrinering[true];
    2<< (Bool) as pUrinering[[(newUrinering
or not pUrinering) and (not newUrinering or pUrinering)]];
    3>> (Bool) as newAffoering[true];

```

```

2<< <Bool> as pAffoering[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)];
treatment(newUriner, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
3>> <Bool> as newUriner[true];
2<< <Bool> as pUriner[(newUriner
or not pUriner) and (not newUriner or pUriner)];
3>> <Bool> as newAffoering[true];
2<< <Bool> as pAffoering[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)];
treatment(newUriner, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xJournalHer)];
end
}@ (3 of 3),
j: rec actions{xIndskrevet:Bool=true, xUriner:Bool=xUriner,
xAffoering:Bool=xAffoering, xOperation:Bool=xOperation, xInformeret:Bool=xInformeret,
xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen, xMedicinEftermiddag:Bool=xMedicinEftermiddag,
xMedicinAften:Bool=xMedicinAften}.
1<<
{ Arkiver[not xIndskrevet]:
end,
LaesAftale[xIndskrevet]:
2>> <String>;
actions{xIndskrevet, xUriner,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften},
LaesCPR[xIndskrevet]:
2>> <String>;
actions{xIndskrevet, xUriner,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften},
LaesEnergiindtag[xIndskrevet]:
2>> <String>;
actions{xIndskrevet, xUriner,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften},
LaesMedicin[xIndskrevet]:
2>> <String>;
actions{xIndskrevet, xUriner,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften},
LaesNavn[xIndskrevet]:
2>> <String>;

```

```

        actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesSymptomer[xIndskrevet]:
    2 >> <String>;
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaerelse[xIndskrevet]:
    2 >> <String>;
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    LaesVaeskeindtag[xIndskrevet]:
    2 >> <String>;
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAffoering[xIndskrevet]:
    1 << <Bool> as xAffoering[true];
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivAftale[xIndskrevet]:
    1 << <String>;
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivCPR[xIndskrevet]:
    1 << <String>;
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivEnergiindtag[xIndskrevet]:
    1 << <String>;
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivIndskrevet:
    1 << <Bool> as xIndskrevet[true];
    actions(xIndskrevet, xUrinerings,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivInformeret[xIndskrevet]:
    1 << <Bool> as xInformeret[true];
    actions(xIndskrevet, xUrinerings,

```

```

xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicin[[xIndskrevet]]:
        1<< <String>;
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivMedicinering[[xIndskrevet]]:
        1<< <Bool> as xMedicinMorgen[[true]];
        1<< <Bool> as xMedicinEftermiddag[[true]];
        1<< <Bool> as xMedicinAften[[true]];
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivNavn[[xIndskrevet]]:
        1<< <String>;
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivOperation[[xIndskrevet]]:
        1<< <Bool> as xOperation[[true]];
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivReserveret[[xIndskrevet]]:
        1<< <Bool> as xReserveret[[true]];
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivSymptomer[[xIndskrevet]]:
        1<< <String>;
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivUrineret[[xIndskrevet]]:
        1<< <Bool> as xUrineret[[true]];
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivVaerelse[[xIndskrevet]]:
        1<< <String>;
        actions(xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivVaeskeindtag[[xIndskrevet]]:
        1<< <String>;

```

```

        actions⟨xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩
    }@(1 of 2))=
def Stuegang⟨xUrineret: Bool,
    xAffoering: Bool,
    xUdskriv: Bool,
    xJournalOpdateret: Bool,
    xOperation: Bool,
    xInformeret: Bool,
    xReserveret: Bool,
    xMedicinMorgen: Bool,
    xMedicinEftermiddag: Bool,
    xMedicinAften: Bool⟩
    (b: rec stuegang⟨xUrineret:Bool=xUrineret,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=true,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.
    { Medicin[[true]]:
        3>>⟨String⟩;
        ∀ newMedicinMorgen13 [[true]];
        ⟨Bool⟩ as pMedicinMorgen14[[(newMedicinMorgen13 or not pMedicinMorgen14)]];
        and (not newMedicinMorgen13 or pMedicinMorgen14));
        ∀ newMedicinEftermiddag15 [[true]];
        3>>⟨Bool⟩ as pMedicinEftermiddag16[[(newMedicinEftermiddag15 or
or not pMedicinEftermiddag16) and (not newMedicinEftermiddag15 or
pMedicinEftermiddag16)]];
        ∀ newMedicinAften17 [[true]];
        ⟨Bool⟩ as pMedicinAften18[[(newMedicinAften17 or not pMedicinAften18)
and (not newMedicinAften17 or pMedicinAften18)]];
        stuegang⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen13, newMedicinEftermiddag15, newMedicinAften17⟩,
        Operer[[true]]:
        ∀ newOperation19 [[true]];
        ⟨Bool⟩ as pOperation20[[(newOperation19 or not pOperation20) and
(not newOperation19 or pOperation20)]];
        ∀ newInformeret21 [[true]];
        ⟨Bool⟩ as pInformeret22[[(newInformeret21 or not pInformeret22) and
(not newInformeret21 or pInformeret22)]];
        stuegang⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, newOperation19, newInformeret21,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
        and xAffoering)];
        ∀ newUdskriv23 [[true]];

```



```

⟨Bool⟩ as pUdskriv24[[(newUdskriv23 or not pUdskriv24) and (not newUdskriv23
or pUdskriv24)]];

                                stuegang⟨xUrineret, xAffering,
newUdskriv23, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
                                3>>⟨rec actions⟨xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAffering:Bool=xAffering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.
                                1<<
                                { Arkiver[not xIndskrevet]:
                                  end,
                                  LaesAftale[xIndskrevet]:
                                    2>>⟨String⟩;
                                    actions⟨xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
                                  LaesCPR[xIndskrevet]:
                                    2>>⟨String⟩;
                                    actions⟨xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
                                  LaesEnergiindtag[xIndskrevet]:
                                    2>>⟨String⟩;
                                    actions⟨xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
                                  LaesMedicin[xIndskrevet]:
                                    2>>⟨String⟩;
                                    actions⟨xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
                                  LaesNavn[xIndskrevet]:
                                    2>>⟨String⟩;
                                    actions⟨xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
                                  LaesSymptomer[xIndskrevet]:
                                    2>>⟨String⟩;
                                    actions⟨xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩,
                                  LaesVaerelse[xIndskrevet]:
                                    2>>⟨String⟩;
                                    actions⟨xIndskrevet, xUrineret,
xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften),

LaesVaeskeindtag[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAffoering[xIndskrevet]:
  1<< <Bool> as xAffoering[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAftale[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivCPR[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivEnergiindtag[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivIndskrevet:
  1<< <Bool> as xIndskrevet[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivInformeret[xIndskrevet]:
  1<< <Bool> as xInformeret[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicin[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicinering[xIndskrevet]:
  1<< <Bool> as xMedicinMorgen[true];
  1<< <Bool> as xMedicinEftermiddag[true];
  1<< <Bool> as xMedicinAften[true];
  actions<xIndskrevet, xUrinering,

```

```

xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivNavn[xIndskrevet]:
    1<< <String>;
    actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivOperation[xIndskrevet]:
    1<< <Bool> as xOperation[true];
    actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivReserveret[xIndskrevet]:
    1<< <Bool> as xReserveret[true];
    actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivSymptomer[xIndskrevet]:
    1<< <String>;
    actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivUrinering[xIndskrevet]:
    1<< <Bool> as xUrinering[true];
    actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivVaerelse[xIndskrevet]:
    1<< <String>;
    actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivVaeskeindtag[xIndskrevet]:
    1<< <String>;
    actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)

    }@(<1 of 2>);
rec treatment<xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
    { Dikter[xJournalHer]:
        treatment<xUrinering, xAffoering,
xUdskriv, xJournalHer, true, xOperation, xInformeret, xReserveret,

```

```

xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
xJournalHer⟩:
    treatment⟨xUrineret, xAffoering,
xUdskriv, true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
MedicinAften⟨(xJour
and xMedicinAften)⟩:
    treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, false⟩,
and xMedicinEftermiddag)⟩:
    treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, false, xMedicinAften⟩,
MedicinMorgen)⟩:
    treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, false, xMedicinEftermiddag, xMedicinAften⟩,
and xOperation) and xInformeret) and xReserveret)⟩:
    { AfslutOperation⟨true⟩:
        treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩
    },
Reserveret⟨(xJour
and xOperation) and not xReserveret)⟩:
    treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
true, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
and xJournalOpdateret)⟩:
    treatment⟨xUrineret, xAffoering,
xUdskriv, false, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
Stu
and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften)⟩:
    2<< ⟨rec actions⟨xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.
    1<<
    { Arkiver⟨not xIndskrevet⟩:
        end,
        LaesAftale⟨xIndskrevet⟩:
            2>> ⟨String⟩;
            actions⟨xIndskrevet, xUrineret,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften),

LaesCPR[xIndskrevet]:
  2>> (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesEnergiindtag[xIndskrevet]:
  2>> (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesMedicin[xIndskrevet]:
  2>> (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesNavn[xIndskrevet]:
  2>> (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesSymptomer[xIndskrevet]:
  2>> (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesVaerelse[xIndskrevet]:
  2>> (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

LaesVaeskeindtag[xIndskrevet]:
  2>> (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivAffoering[xIndskrevet]:
  1<< (Bool) as xAffoering[true];
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivAftale[xIndskrevet]:
  1<< (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

```

```

SkrivCPR[xIndskrevet]:
  1<< (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivEnergiindtag[xIndskrevet]:
  1<< (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivIndskrevet:
  1<< (Bool) as xIndskrevet[true];
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivInformeret[xIndskrevet]:
  1<< (Bool) as xInformeret[true];
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivMedicin[xIndskrevet]:
  1<< (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivMedicinering[xIndskrevet]:
  1<< (Bool) as xMedicinMorgen[true];
  1<< (Bool) as xMedicinEftermiddag[true];
  1<< (Bool) as xMedicinAften[true];
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivNavn[xIndskrevet]:
  1<< (String);
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivOperation[xIndskrevet]:
  1<< (Bool) as xOperation[true];
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

SkrivReserveret[xIndskrevet]:
  1<< (Bool) as xReserveret[true];
  actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,

```

```

xMedicinAften),

    SkrivSymptomer[xIndskrevet]:
    1<< (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivUrinering[xIndskrevet]:
    1<< (Bool) as xUrinering[true];
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivVaerelse[xIndskrevet]:
    1<< (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften),

    SkrivVaeskeindtag[xIndskrevet]:
    1<< (String);
    actions(xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)

    }@(1 of 2));
    rec stuegang(xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
    { Medicin[true]:
    3>> (String);
    ∀ newMedicinMorgen [true];
    3>> (Bool) as pMedicinMorgen[ ((newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen)) ];
    ∀ newMedicinEftermiddag [true];
    3>> (Bool) as pMedicinEftermiddag[ ((newMedicinEfter
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag)) ];
    ∀ newMedicinAften [true];
    3>> (Bool) as pMedicinAften[ ((newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften)) ];
    stuegang(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften),
    Operer[true]:
    ∀ newOperation [true];
    (Bool) as pOperation[ ((newOperation or not pOperation) and (not newOperation
or pOperation)) ];
    ∀ newInformeret [true];

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⟨Bool⟩ as pInformeret[[(newInformeret or not pInformeret) and (not newInformeret
or pInformeret)]];

                                stuegang⟨xUrineret, xAfloering,
xUdskriv, xJournalHer, xJournalOpdateret, newOperation, newInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
and xAfloering)];

                                ∀ newUdskriv [true];
⟨Bool⟩ as pUdskriv[[(newUdskriv or not pUdskriv) and (not newUdskriv
or pUdskriv)]];

                                stuegang⟨xUrineret, xAfloering,
newUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
                                3>> ⟨rec actions⟨xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAfloering:Bool=xAfloering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.
                                1<<
                                { Arkiver[not xIndskrevet]:
                                  end,
                                  LaesAftale[xIndskrevet]:
                                    2>> ⟨String⟩;
                                    actions⟨xIndskrevet,
xUrineret, xAfloering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                  LaesCPR[xIndskrevet]:
                                    2>> ⟨String⟩;
                                    actions⟨xIndskrevet,
xUrineret, xAfloering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                  LaesEnergiindtag[xIndskrevet]:
                                    2>> ⟨String⟩;
                                    actions⟨xIndskrevet,
xUrineret, xAfloering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                  LaesMedicin[xIndskrevet]:
                                    2>> ⟨String⟩;
                                    actions⟨xIndskrevet,
xUrineret, xAfloering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                  LaesNavn[xIndskrevet]:
                                    2>> ⟨String⟩;
                                    actions⟨xIndskrevet,
xUrineret, xAfloering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                  LaesSymptomer[xIndskrevet]:
                                    2>> ⟨String⟩;

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                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                LaesVaerelse[xIndskrevet]:
                                2>> ⟨String⟩;
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                LaesVaeskeindtag[xIndskrevet]:
                                2>> ⟨String⟩;
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                SkrivAffering[xIndskrevet]:
                                1<< ⟨Bool⟩ as xAffering[true];
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                SkrivAftale[xIndskrevet]:
                                1<< ⟨String⟩;
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                SkrivCPR[xIndskrevet]:
                                1<< ⟨String⟩;
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                SkrivEnergiindtag[xIndskrevet]:
                                1<< ⟨String⟩;
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                SkrivIndskrevet:
                                1<< ⟨Bool⟩ as xIndskrevet[true];
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                SkrivInformeret[xIndskrevet]:
                                1<< ⟨Bool⟩ as xInformeret[true];
                                actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
                                SkrivMedicin[xIndskrevet]:
                                1<< ⟨String⟩;
                                actions⟨xIndskrevet,

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xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivMedicinering[xIndskrevet]:
    1 << <Bool> as xMedicinMorgen[true];
    1 << <Bool> as xMedicinEftermiddag[true];
    1 << <Bool> as xMedicinAften[true];
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivNavn[xIndskrevet]:
    1 << <String>;
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivOperation[xIndskrevet]:
    1 << <Bool> as xOperation[true];
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivReserveret[xIndskrevet]:
    1 << <Bool> as xReserveret[true];
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivSymptomer[xIndskrevet]:
    1 << <String>;
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivUrinerings[xIndskrevet]:
    1 << <Bool> as xUrinerings[true];
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivVaerelse[xIndskrevet]:
    1 << <String>;
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivVaeskeindtag[xIndskrevet]:
    1 << <String>;
    actions<xIndskrevet,
xUrinerings, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>
    }@(1 of 2));
treatment<xUrinerings, xAffoering,

```

```

xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)
    },
    3>> <Bool> as newUrinerer[true];
    2<< <Bool> as pUrinerer[[(newUrinerer
or not pUrinerer) and (not newUrinerer or pUrinerer)]];
    3>> <Bool> as newAffoering[true];
    2<< <Bool> as pAffoering[[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)]];
    treatment<newUrinerer, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
    3>> <Bool> as newUrinerer[true];
    2<< <Bool> as pUrinerer[[(newUrinerer
or not pUrinerer) and (not newUrinerer or pUrinerer)]];
    3>> <Bool> as newAffoering[true];
    2<< <Bool> as pAffoering[[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)]];
    treatment<newUrinerer, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
    3>> <Bool> as newUrinerer[true];
    2<< <Bool> as pUrinerer[[(newUrinerer
or not pUrinerer) and (not newUrinerer or pUrinerer)]];
    3>> <Bool> as newAffoering[true];
    2<< <Bool> as pAffoering[[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)]];
    treatment<newUrinerer, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
and xJournalHer)];
    end
}
}@(3 of 3))=
guivalue(3,b,3,"Urinerer",if xUrinerer then "Ja"
else "Nej");
guivalue(3,b,3,"Affring",if xAffoering then "Ja" else
"Nej");
guivalue(3,b,3,"Udskrives",if xUdskriv then "Ja" else
"Nej");
guivalue(3,b,3,"Journal er her","Ja");
guivalue(3,b,3,"Journal skal opdateres",if xJournalOpdateret
then "Ja" else "Nej");
guivalue(3,b,3,"Opereres",if xOperation then "Ja" else
"Nej");
guivalue(3,b,3,"Patient er informeret",if xInformeret

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TilsynAften[xJ

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then "Ja" else "Nej");
    guivalue(3,b,3,"Operationsstue er reserveret",if xReserveret
then "Ja" else "Nej");
    guivalue(3,b,3,"Medicineres til Morgen",if xMedicinMorgen
then "Ja" else "Nej");
    guivalue(3,b,3,"Medicineres til Eftermiddag",if xMedicinEftermiddag
then "Ja" else "Nej");
    guivalue(3,b,3,"Medicineres til Aften",if xMedicinAften
then "Ja" else "Nej");
    guisync(3,b,3)
    {
        Medicin():
            b[3]>>medicin;
            b[3]>>morgen;
            b[3]>>eftermiddag;
            b[3]>>aften;
            Stuegang(xUrinering, xAffering, xUdskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, morgen, eftermiddag, aften)(b),
        Operer():
            b[3]>>operer;
            b[3]>>patientinformeret;
            Stuegang(xUrinering, xAffering, xUdskriv, xJournalOpdateret,
operer, patientinformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
        Udskriv[(xUrinering and xAffering)]():
            b[3]>>udskriv;
            Stuegang(xUrinering, xAffering, udskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
        AfslutStuegang(kommentar="": String):
            b[3]>>j;
            MedJournal(xUrinering, xAffering, xUdskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b, j)
    }
in def UdenJournal(xUrinering: Bool,
    xAffering: Bool,
    xUdskriv: Bool,
    xJournalOpdateret: Bool,
    xOperation: Bool,
    xInformeret: Bool,
    xReserveret: Bool,
    xMedicinMorgen: Bool,
    xMedicinEftermiddag: Bool,
    xMedicinAften: Bool)
    (b: rec treatment(xUrinering:Bool=xUrinering,
xAffering:Bool=xAffering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=false,

```

```

xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
    { Dikter[xJournalHer]:
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, true, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
xJournalHer]:
        treatment(xUrineret, xAffoering,
xUdskriv, true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),
MedicinAften[(xJournalOpdateret and xMedicinAften)]:
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, false),
and xMedicinEftermiddag]:
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, false, xMedicinAften),
and xMedicinMorgen]:
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, false, xMedicinEftermiddag, xMedicinAften),
and xOperation) and xInformeret) and xReserveret):
    { AfslutOperation[true]:
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)
    },
Reserveret[(
and xOperation) and not xReserveret):
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
true, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xJournalOpdateret):
        treatment(xUrineret, xAffoering,
xUdskriv, false, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften):
2<< (rec actions(xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
1<<

```

```

{ Arkiver[[not xIndskrevet]:
  end,
  LaesAftale[[xIndskrevet]:
    2>> ⟨String⟩;
    actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesCPR[[xIndskrevet]:
      2>> ⟨String⟩;
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesEnergiindtag[[xIndskrevet]:
      2>> ⟨String⟩;
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesMedicin[[xIndskrevet]:
      2>> ⟨String⟩;
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesNavn[[xIndskrevet]:
      2>> ⟨String⟩;
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesSymptomer[[xIndskrevet]:
      2>> ⟨String⟩;
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesVaerelse[[xIndskrevet]:
      2>> ⟨String⟩;
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesVaeskeindtag[[xIndskrevet]:
      2>> ⟨String⟩;
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    SkrivAffering[[xIndskrevet]:
      1<< ⟨Bool⟩ as xAffering[[true];
      actions⟨xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,

```

```

xMedicinEftermiddag, xMedicinAften>,
    SkrivAftale[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivCPR[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivEnergiindtag[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivIndskrevet:
    1<< <Bool> as xIndskrevet[true];
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivInformeret[xIndskrevet]:
    1<< <Bool> as xInformeret[true];
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivMedicin[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivMedicinering[xIndskrevet]:
    1<< <Bool> as xMedicinMorgen[true];
    1<< <Bool> as xMedicinEftermiddag[true];
    1<< <Bool> as xMedicinAften[true];
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivNavn[xIndskrevet]:
    1<< <String>;
    actions(xIndskrevet,
xUrinerer, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
    SkrivOperation[xIndskrevet]:
    1<< <Bool> as xOperation[true];
    actions(xIndskrevet,

```

```

xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

    SkrivReserveret[xIndskrevet]:
    1<< ⟨Bool⟩ as xReserveret[true];
    actions(xIndskrevet,

xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

    SkrivSymptomer[xIndskrevet]:
    1<< ⟨String⟩;
    actions(xIndskrevet,

xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

    SkrivUrinering[xIndskrevet]:
    1<< ⟨Bool⟩ as xUrinering[true];
    actions(xIndskrevet,

xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

    SkrivVaerelse[xIndskrevet]:
    1<< ⟨String⟩;
    actions(xIndskrevet,

xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),

    SkrivVaeskeindtag[xIndskrevet]:
    1<< ⟨String⟩;
    actions(xIndskrevet,

xUrinering, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)

    }@(1 of 2));
    rec stuegang(xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
    { Medicin[true]:
    3>> ⟨String⟩;
    ∀ newMedicinMorgen [true];
    3>> ⟨Bool⟩ as pMedicinMorgen[⟨(newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen)⟩];
    ∀ newMedicinEftermiddag
[true];
    3>> ⟨Bool⟩ as pMedicinEftermiddag[⟨(newMedicinEftermiddag
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag)⟩];
    ∀ newMedicinAften [true];
    3>> ⟨Bool⟩ as pMedicinAften[⟨(newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften)⟩];
    stuegang(xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,

```



```

xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften),
    Operer[true]:
        ∀ newOperation [true];
⟨Bool⟩ as pOperation[[(newOperation or not pOperation) and (not newOperation
or pOperation)]];
        ∀ newInformeret [true];
3>> ⟨Bool⟩ as pInformeret[[(newInformeret
or not pInformeret) and (not newInformeret or pInformeret)]];
    stuegang(xUrineret, xAfkoering,
xUdskriv, xJournalHer, xJournalOpdateret, newOperation, newInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xAfkoering)];
        ∀ newUdskriv [true];
⟨Bool⟩ as pUdskriv[[(newUdskriv or not pUdskriv) and (not newUdskriv
or pUdskriv)]];
    stuegang(xUrineret, xAfkoering,
newUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    3>> ⟨rec actions⟨xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAfkoering:Bool=xAfkoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.
1<<
{ Arkiver[not xIndskrevet]:
    end,
    LaesAftale[xIndskrevet]:
        2>> ⟨String⟩;
        actions⟨xIndskrevet,
xUrineret, xAfkoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesCPR[xIndskrevet]:
        2>> ⟨String⟩;
        actions⟨xIndskrevet,
xUrineret, xAfkoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesEnergiindtag[xIndskrevet]:
        2>> ⟨String⟩;
        actions⟨xIndskrevet,
xUrineret, xAfkoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesMedicin[xIndskrevet]:
        2>> ⟨String⟩;
        actions⟨xIndskrevet,
xUrineret, xAfkoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
    LaesNavn[xIndskrevet]:

```

```

2>> <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
LaesSymptomer[xIndskrevet]:
2>> <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
LaesVaerelse[xIndskrevet]:
2>> <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
LaesVaeskeindtag[xIndskrevet]:
2>> <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
SkrivAffering[xIndskrevet]:
1<< <Bool> as xAffering[true];
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
SkrivAftale[xIndskrevet]:
1<< <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
SkrivCPR[xIndskrevet]:
1<< <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
SkrivEnergiindtag[xIndskrevet]:
1<< <String>;
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
SkrivIndskrevet:
1<< <Bool> as xIndskrevet[true];
actions<xIndskrevet,
xUrineret, xAffering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
SkrivInformeret[xIndskrevet]:
1<< <Bool> as xInformeret[true];

```

```

                                actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivMedicin[[xIndskrevet]]:
                                    1<< <String>;
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivMedicinering[[xIndskrevet]]:
                                    1<< <Bool> as xMedicinMorgen[[true]];
                                    1<< <Bool> as xMedicinEftermiddag[[true]];
                                    1<< <Bool> as xMedicinAften[[true]];
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivNavn[[xIndskrevet]]:
                                    1<< <String>;
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivOperation[[xIndskrevet]]:
                                    1<< <Bool> as xOperation[[true]];
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivReserveret[[xIndskrevet]]:
                                    1<< <Bool> as xReserveret[[true]];
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivSymptomer[[xIndskrevet]]:
                                    1<< <String>;
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivUrinerer[[xIndskrevet]]:
                                    1<< <Bool> as xUrinerer[[true]];
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivVaerelse[[xIndskrevet]]:
                                    1<< <String>;
                                    actions<xIndskrevet,
xUrinerer, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften>,
                                SkrivVaeskeindtag[[xIndskrevet]]:

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```

1<< (String);
actions(xIndskrevet,
xUrineret, xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)
    }@(1 of 2));
treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)
    },
3>> (Bool) as newUrineret[true];
2<< (Bool) as pUrineret[[(newUrineret
or not pUrineret) and (not newUrineret or pUrineret)]];
3>> (Bool) as newAffoering[true];
2<< (Bool) as pAffoering[[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)]];
treatment(newUrineret, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
3>> (Bool) as newUrineret[true];
2<< (Bool) as pUrineret[[(newUrineret
or not pUrineret) and (not newUrineret or pUrineret)]];
3>> (Bool) as newAffoering[true];
2<< (Bool) as pAffoering[[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)]];
treatment(newUrineret, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
3>> (Bool) as newUrineret[true];
2<< (Bool) as pUrineret[[(newUrineret
or not pUrineret) and (not newUrineret or pUrineret)]];
3>> (Bool) as newAffoering[true];
2<< (Bool) as pAffoering[[(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)]];
treatment(newUrineret, newAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xJournalHer)];
end
}@(3 of 3),
s: 2>> (rec actions(xIndskrevet:Bool=true,
xUrineret:Bool=xUrineret, xAffoering:Bool=xAffoering, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
1<<
{ Arkiver[not xIndskrevet]:
end,

```

TilsynAften

```

LaesAftale[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesCPR[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesEnergiindtag[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesMedicin[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesNavn[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesSymptomer[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesVaerelse[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

LaesVaeskeindtag[xIndskrevet]:
  2>> <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAffoering[xIndskrevet]:
  1<< <Bool> as xAffoering[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivAftale[xIndskrevet]:

```

```

1<< <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivCPR[xIndskrevet]:
1<< <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivEnergiindtag[xIndskrevet]:
1<< <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivIndskrevet:
1<< <Bool> as xIndskrevet[true];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivInformeret[xIndskrevet]:
1<< <Bool> as xInformeret[true];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicin[xIndskrevet]:
1<< <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivMedicinering[xIndskrevet]:
1<< <Bool> as xMedicinMorgen[true];
1<< <Bool> as xMedicinEftermiddag[true];
1<< <Bool> as xMedicinAften[true];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivNavn[xIndskrevet]:
1<< <String>;
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivOperation[xIndskrevet]:
1<< <Bool> as xOperation[true];
actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

```

```

SkrivReserveret[xIndskrevet]:
  1<< <Bool> as xReserveret[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivSymptomer[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivUrinering[xIndskrevet]:
  1<< <Bool> as xUrinering[true];
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivVaerelse[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>,

SkrivVaeskeindtag[xIndskrevet]:
  1<< <String>;
  actions<xIndskrevet, xUrinering,
xAffoering, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften>

    }@(1 of 2));
    end@(1 of 2))=
    guivalue(3,b,3,"Urinering",if xUrinering then "Ja"
else "Nej");
    guivalue(3,b,3,"Affring",if xAffoering then "Ja"
else "Nej");
    guivalue(3,b,3,"Udskrives",if xUdskriv then "Ja"
else "Nej");
    guivalue(3,b,3,"Journal er her","Nej");
    guivalue(3,b,3,"Journal skal opdateres",if xJournalOpdateret
then "Ja" else "Nej");
    guivalue(3,b,3,"Opereres",if xOperation then "Ja"
else "Nej");
    guivalue(3,b,3,"Patient er informeret",if xInformeret
then "Ja" else "Nej");
    guivalue(3,b,3,"Operationsstue er reserveret",if
xReserveret then "Ja" else "Nej");
    guivalue(3,b,3,"Medicineres til Morgen",if xMedicinMorgen
then "Ja" else "Nej");
    guivalue(3,b,3,"Medicineres til Eftermiddag",if
xMedicinEftermiddag then "Ja" else "Nej");

```

```

        guivalue(3,b,3,"Medicineres til Aften",if xMedicinAften
then "Ja" else "Nej");
        guisync(3,b,3)
        { HentJournal(kommentar="": String):
            s[2] >> j;
            MedJournal(xUrineret, xAfkoering, xUdskriv,
false, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b, j)
        }
        in guivalue(3,b,3,"Urineret",if xUrineret then "Ja"
else "Nej");
        guivalue(3,b,3,"Afkoering",if xAfkoering then "Ja"
else "Nej");
        guivalue(3,b,3,"Udskrives",if xUdskriv then "Ja"
else "Nej");
        guivalue(3,b,3,"Journal er her","Ja");
        guivalue(3,b,3,"Journal skal opdateres",if xJournalOpdateret
then "Ja" else "Nej");
        guivalue(3,b,3,"Opereres",if xOperation then "Ja"
else "Nej");
        guivalue(3,b,3,"Patient er informeret",if xInformeret
then "Ja" else "Nej");
        guivalue(3,b,3,"Operationsstue er reserveret",if
xReserveret then "Ja" else "Nej");
        guivalue(3,b,3,"Medicineres til Morgen",if xMedicinMorgen
then "Ja" else "Nej");
        guivalue(3,b,3,"Medicineres til Eftermiddag",if
xMedicinEftermiddag then "Ja" else "Nej");
        guivalue(3,b,3,"Medicineres til Aften",if xMedicinAften
then "Ja" else "Nej");
        guisync(3,b,3)
        { Dikter():
            MedJournal(xUrineret, xAfkoering, xUdskriv,
true, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b, j),
            Flyt(vaerelse="": String):
                j[1] << SkrivVaerelse;
                j[1] << vaerelse;
                MedJournal(xUrineret, xAfkoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b, j),
                MedicinAften[xMedicinAften](kommentar="": String):
                    j[1] << SkrivMedicineret;
                    j[1] << xMedicinMorgen;
                    j[1] << xMedicinEftermiddag;
                    j[1] << false;

```



```

        MedJournal⟨xUrinering, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, false⟩(b, j),
        MedicinEftermiddag[[xMedicinEftermiddag]](kommentar="":
String):
        j[1] << SkrivMedicinering;
        j[1] << xMedicinMorgen;
        j[1] << false;
        j[1] << xMedicinAften;
        MedJournal⟨xUrinering, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
false, xMedicinAften⟩(b, j),
        MedicinMorgen[[xMedicinMorgen]](kommentar="": String):
        j[1] << SkrivMedicinering;
        j[1] << false;
        j[1] << xMedicinEftermiddag;
        j[1] << xMedicinAften;
        MedJournal⟨xUrinering, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, false, xMedicinEftermiddag,
xMedicinAften⟩(b, j),
        Operer[[((xOperation and xInformeret) and xReserveret)]](kommentar="":
String):
        guisync(3,b,3)
        { AfslutOperation(kommentar=kommentar: String):
                j[1] << SkrivOperation;
                j[1] << false;
                j[1] << SkrivInformeret;
                j[1] << false;
                j[1] << SkrivReserveret;
                j[1] << false;
                MedJournal⟨xUrinering, xAffoering, xUdskriv,
xJournalOpdateret, false, false, false, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩(b, j)
        },
        Reserver[[xOperation and not xReserveret]](kommentar="":
String):
        j[1] << SkrivReserveret;
        j[1] << true;
        MedJournal⟨xUrinering, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, true, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften⟩(b, j),
        SendJournal[[xJournalOpdateret]](kommentar="": String):
        link(2,sekretaer,s,1);
        s[1] << xUrinering;
        s[1] << xAffoering;
        s[1] << xOperation;

```

```

s[1] << xInformeret;
s[1] << xReserveret;
s[1] << xMedicinMorgen;
s[1] << xMedicinEftermiddag;
s[1] << xMedicinAften;
s[1] << j;
UdenJournal(xUrineret, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b, s),
Stuegang[(not xMedicinMorgen and not xMedicinEftermiddag)
and not xMedicinAften)](kommentar="": String):
b[2] << j;
Stuegang(xUrineret, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
TilsynAften(kommentar="": String):
b[3] >> xUrineret;
b[2] << xUrineret;
b[3] >> xAffoering;
b[2] << xAffoering;
j[1] << SkrivUrineret;
j[1] << xUrineret;
j[1] << SkrivAffoering;
j[1] << xAffoering;
MedJournal(xUrineret, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b, j),
TilsynEftermiddag(kommentar="": String):
b[3] >> xUrineret;
b[2] << xUrineret;
b[3] >> xAffoering;
b[2] << xAffoering;
j[1] << SkrivUrineret;
j[1] << xUrineret;
j[1] << SkrivAffoering;
j[1] << xAffoering;
MedJournal(xUrineret, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b, j),
TilsynMorgen(kommentar="": String):
b[3] >> xUrineret;
b[2] << xUrineret;
b[3] >> xAffoering;
b[2] << xAffoering;
j[1] << SkrivUrineret;
j[1] << xUrineret;

```

```

        j[1] << SkrivAffoering;
        j[1] << xAffoering;
        MedJournal(xUrinering, xAffoering, xUdskriv,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b, j),
        Udskriv[[xUdskriv]](kommentar="": String):
        j[1] << SkrivIndskrevet;
        j[1] << false;
        j[1] << Arkiver;
        end
    }
    in s[3] >> j;
    MedJournal(false, false, false, false, false, false,
false, false, false, false)(s, j)
)
    in Sygeplejer()
    | (nu skranke:1→2:2(String);
        1→2:2(String);
        1→2:2(String);
        { Indlaeg:
            2→1:1(rec treatment(xUrinering:Bool=false,
xAffoering:Bool=false, xUdskriv:Bool=false, xJournalHer:Bool=true,
xJournalOpdateret:Bool=false, xOperation:Bool=false, xInformeret:Bool=false,
xReserveret:Bool=false, xMedicinMorgen:Bool=false, xMedicinEftermiddag:Bool=false,
xMedicinAften:Bool=false).
                { Dikter[[xJournalHer]]:
                    treatment(xUrinering, xAffoering, xUdskriv,
xJournalHer, true, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften), Flyt[[xJournalHer]]:
                    treatment(xUrinering, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften), HentJournal
xJournalHer]]:
                    treatment(xUrinering, xAffoering, xUdskriv,
true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften), MedicinAften[(xJournalHer
and xMedicinAften)]]:
                    treatment(xUrinering, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, false), MedicinEftermiddag
and xMedicinEftermiddag)]]:
                    treatment(xUrinering, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, false, xMedicinAften), MedicinMorgen[(xJournalHer
and xMedicinMorgen)]]:
                    treatment(xUrinering, xAffoering, xUdskriv,

```

```

xJournalHer, xJournalOpdateret, xOperation, xInformeret, xReserveret,
false, xMedicinEftermiddag, xMedicinAften), Operer(((xJournalHer
and xOperation) and xInformeret) and xReserveret)):
    { AfslutOperation[[true]]:
        treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)
        }, Reserver(((xJournalHer
and xOperation) and not xReserveret)):
        treatment(xUrineret, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, xOperation, xInformeret, true, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften), SendJournal[(xJournalHer
and xJournalOpdateret)]:
        treatment(xUrineret, xAffoering, xUdskriv,
false, xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften), Stuegang(((xJournalHer
and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften)):
        rec stuegang(xUrineret:Bool=xUrineret,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
        { Medicin[[true]]:
            1>> (String);
            1>> (Bool) as newMedicinMorgen[[true]];
            ∀ pMedicinMorgen [(newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen)];
            1>> (Bool) as newMedicinEftermiddag[[true]];
            ∀ pMedicinEftermiddag [(newMedicinEftermiddag
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag)];
            1>> (Bool) as newMedicinAften[[true]];
            ∀ pMedicinAften [(newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften)];
            stuegang(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften),
Operer[[true]]:
            1>> (Bool) as newOperation[[true]];
            ∀ pOperation [(newOperation or not
pOperation) and (not newOperation or pOperation)]; 1>>
            (Bool) as newInformeret[[true]];
            ∀ pInformeret [(newInformeret or
not pInformeret) and (not newInformeret or pInformeret)];
            xAffoering, xUdskriv, xJournalHer, xJournalOpdateret, newOperation,
newInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
Udskriv[(xUrineret and xAffoering)]:

```

```

1>> <Bool> as newUdskriv[true];
    ∀ pUdskriv [((newUdskriv or not pUdskriv)
and (not newUdskriv or pUdskriv))];
    xAffoering, newUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    AfslutStuegang[true]:
    treatment(xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)
    },
    TilsynAften[xJournalHer]:
3<< <Bool> as newUrineret[true];
    ∀ pUrineret [((newUrineret or not pUrineret)
and (not newUrineret or pUrineret))];
    <Bool> as newAffoering[true];
    ∀ pAffoering [((newAffoering or not pAffoering)
and (not newAffoering or pAffoering))];
    newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    TilsynEftermiddag[xJournalHer]:
3<< <Bool> as newUrineret[true];
    ∀ pUrineret [((newUrineret or not pUrineret)
and (not newUrineret or pUrineret))];
    <Bool> as newAffoering[true];
    ∀ pAffoering [((newAffoering or not pAffoering)
and (not newAffoering or pAffoering))];
    newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    TilsynMorgen[xJournalHer]:
3<< <Bool> as newUrineret[true];
    ∀ pUrineret [((newUrineret or not pUrineret)
and (not newUrineret or pUrineret))];
    <Bool> as newAffoering[true];
    ∀ pAffoering [((newAffoering or not pAffoering)
and (not newAffoering or pAffoering))];
    newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    Udskriv[xUdskriv and xJournalHer]:
    end
    }@(1 of 3);
end
})
( def Receptionist=
    link(2,skranke,s,2);
    s[2]>>navn;
    s[2]>>cpr;
    s[2]>>symptomer;

```

```

guivalue(2,s,2,"Navn:",navn);
guivalue(2,s,2,"CPR:",cpr);
guivalue(2,s,2,"Symptomer:",symptomer);
guisync(2,s,2)
{ Indlaeg(vaerelse="Vrelse12": String):
  link(2,journal,j,1);
  j[1] << navn;
  j[1] << cpr;
  j[1] << vaerelse;
  j[1] << symptomer;
  link(3,behandling,b,1);
  b[3] << j;
  s[1] << b;
  Receptionist()
}
in Receptionist()
| def Patient(navn: String,
              cpr: String,
              symptomer: String)=
  def Behandling(xUrinerings: Bool,
                 xAfvoering: Bool,
                 xUdskriv: Bool,
                 xJournalHer: Bool,
                 xJournalOpdateret: Bool,
                 xOperation: Bool,
                 xInformeret: Bool,
                 xReserveret: Bool,
                 xMedicinMorgen: Bool,
                 xMedicinEftermiddag: Bool,
                 xMedicinAften: Bool)
    (b: rec treatment(xUrinerings:Bool=xUrinerings,
xAfvoering:Bool=xAfvoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
      { Dikter[xJournalHer]:
        treatment(xUrinerings, xAfvoering,
xUdskriv, xJournalHer, true, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
        treatment(xUrinerings, xAfvoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
xJournalHer]:
        treatment(xUrinerings, xAfvoering,
xUdskriv, true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften),
      MedicinAften[(xJournalHer

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Flyt[xJ

```

and xMedicinAften)]]:
    treatment(xUrineriing, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, false),
and xMedicinEftermiddag)]]:
    treatment(xUrineriing, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, false, xMedicinAften),
and xMedicinMorgen)]]:
    treatment(xUrineriing, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, false, xMedicinEftermiddag, xMedicinAften),
and xOperation) and xInformeret) and xReserveret)]]:
    { AfslutOperation[true]:
        treatment(xUrineriing, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)
    },
    Reserver[ ((xJournalHer
and xOperation) and not xReserveret)]]:
    treatment(xUrineriing, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
true, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xJournalOpdateret)]]:
    treatment(xUrineriing, xAffoering,
xUdskriv, false, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften)]]:
    rec stuegang(xUrineriing:Bool=xUrineriing,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
    { Medicin[true]:
        1>> <String>;
        1>> <Bool> as newMedicinMorgen[true];
        ∀ pMedicinMorgen [ ((newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen))];
        1>> <Bool> as newMedicinEftermiddag[true];
        ∀ pMedicinEftermiddag [ ((newMedicinEftermiddag
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag))];
        1>> <Bool> as newMedicinAften[true];
        ∀ pMedicinAften [ ((newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften))];
        stuegang(xUrineriing, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften),

```

```

Operer[true]:
  1>> ⟨Bool⟩ as newOperation[true];
  ∀ pOperation [(newOperation
or not pOperation) and (not newOperation or pOperation)];
⟨Bool⟩ as newInformeret[true];
  ∀ pInformeret [(newInformeret
or not pInformeret) and (not newInformeret or pInformeret)];
xAffoering, xUdskriv, xJournalHer, xJournalOpdateret, newOperation,
newInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
  Udskriv[(xUrineret and xAffoering)]:
  1>> ⟨Bool⟩ as newUdskriv[true];
  ∀ pUdskriv [(newUdskriv or not
pUdskriv) and (not newUdskriv or pUdskriv)];
xAffoering, newUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
  AfslutStuegang[true]:
  treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)
  },
  3<< ⟨Bool⟩ as newUrineret[true];
  ∀ pUrineret [(newUrineret or not
pUrineret) and (not newUrineret or pUrineret)];
⟨Bool⟩ as newAffoering[true];
  ∀ pAffoering [(newAffoering or not
pAffoering) and (not newAffoering or pAffoering)];
newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
  TilsynEftermiddag[xJournalHer]:
  3<< ⟨Bool⟩ as newUrineret[true];
  ∀ pUrineret [(newUrineret or not
pUrineret) and (not newUrineret or pUrineret)];
⟨Bool⟩ as newAffoering[true];
  ∀ pAffoering [(newAffoering or not
pAffoering) and (not newAffoering or pAffoering)];
newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
  TilsynMorgen[xJournalHer]:
  3<< ⟨Bool⟩ as newUrineret[true];
  ∀ pUrineret [(newUrineret or not
pUrineret) and (not newUrineret or pUrineret)];
⟨Bool⟩ as newAffoering[true];
  ∀ pAffoering [(newAffoering or not
pAffoering) and (not newAffoering or pAffoering)];
newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),

```



```

    Udskriv[(xUdskriv and xJournalHer)]:
    end
    }@(1 of 3))=
def Stuegang(xUrineret: Bool,
    xAfroering: Bool,
    xUdskriv: Bool,
    xJournalOpdateret: Bool,
    xOperation: Bool,
    xInformeret: Bool,
    xReserveret: Bool,
    xMedicinMorgen: Bool,
    xMedicinEftermiddag: Bool,
    xMedicinAften: Bool)
    (b: rec stuegang(xUrineret:Bool=xUrineret,
xAfroering:Bool=xAfroering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=true,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften).
    { Medicin[true]:
        1>> (String);
        1>> (Bool) as newMedicinMorgen25[true];
        ∀ pMedicinMorgen26 [(newMedicinMorgen25
or not pMedicinMorgen26) and (not newMedicinMorgen25 or pMedicinMorgen26)];
        1>> (Bool) as newMedicinEftermiddag27[true];
        ∀ pMedicinEftermiddag28 [(newMedicinEftermiddag27
or not pMedicinEftermiddag28) and (not newMedicinEftermiddag27 or
pMedicinEftermiddag28)];
        as newMedicinAften29[true];
        ∀ pMedicinAften30 [(newMedicinAften29
or not pMedicinAften30) and (not newMedicinAften29 or pMedicinAften30)];
        stuegang(xUrineret, xAfroering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen25, newMedicinEftermiddag27, newMedicinAften29),
    Operer[true]:
        1>> (Bool) as newOperation31[true];
        ∀ pOperation32 [(newOperation31
or not pOperation32) and (not newOperation31 or pOperation32)];
        1>> (Bool) as newInformeret33[true];
        ∀ pInformeret34 [(newInformeret33
or not pInformeret34) and (not newInformeret33 or pInformeret34)];
        stuegang(xUrineret, xAfroering,
xUdskriv, xJournalHer, xJournalOpdateret, newOperation31, newInformeret33,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
and xAfroering)];
        1>> (Bool) as newUdskriv35[true];
        ∀ pUdskriv36 [(newUdskriv35 or

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not pUdskriv36) and (not newUdskriv35 or pUdskriv36))];
xAffoering, newUdskriv35, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    AfslutStuegang[true]:
        rec treatment⟨xUrineret:Bool=xUrineret,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften⟩.
            { Dikter[xJournalHer]:
                treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, true, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
                    treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
xJournalHer⟩:
                        treatment⟨xUrineret, xAffoering,
xUdskriv, true, false, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩,
MedicinAften[(xJournalHer, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)]:
                            treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, false⟩,
and xMedicinEftermiddag⟩:
                                treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, false, xMedicinAften⟩,
MedicinMorgen[(xJournalHer, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)]:
                                    treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, false, xMedicinEftermiddag, xMedicinAften⟩,
and xOperation) and xInformeret) and xReserveret⟩:
                                        { AfslutOperation[true]:
                                            treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften⟩
                                                },
Reserveret[(xJournalHer, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften)]:
and xOperation) and not xReserveret⟩:
                                            treatment⟨xUrineret, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
true, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,
and xJournalOpdateret⟩:
                                                treatment⟨xUrineret, xAffoering,
xUdskriv, false, xJournalOpdateret, xOperation, xInformeret, xReserveret,
xMedicinMorgen, xMedicinEftermiddag, xMedicinAften⟩,

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and not xMedicinMorgen) and not xMedicinEftermiddag) and not xMedicinAften]]:
    rec stuegang<xUrinering:Bool=xUrinering,
xAffoering:Bool=xAffoering, xUdskriv:Bool=xUdskriv, xJournalHer:Bool=xJournalHer,
xJournalOpdateret:Bool=xJournalOpdateret, xOperation:Bool=xOperation,
xInformeret:Bool=xInformeret, xReserveret:Bool=xReserveret, xMedicinMorgen:Bool=xMedicinMorgen,
xMedicinEftermiddag:Bool=xMedicinEftermiddag, xMedicinAften:Bool=xMedicinAften>.
    { Medicin[[true]]:
        1>> <String>;
        1>> <Bool> as newMedicinMorgen[[true]];
        ∀ pMedicinMorgen [[((newMedicinMorgen
or not pMedicinMorgen) and (not newMedicinMorgen or pMedicinMorgen))]];
        1>> <Bool> as newMedicinEftermiddag[[true]];
        ∀ pMedicinEftermiddag [[((newMedicinEftermiddag
or not pMedicinEftermiddag) and (not newMedicinEftermiddag or pMedicinEftermiddag))]];
        1>> <Bool> as newMedicinAften[[true]];
        ∀ pMedicinAften [[((newMedicinAften
or not pMedicinAften) and (not newMedicinAften or pMedicinAften))]];
        stuegang<xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, newMedicinMorgen, newMedicinEftermiddag, newMedicinAften>,
        Operer[[true]]:
            1>> <Bool> as newOperation[[true]];
            ∀ pOperation [[((newOperation
or not pOperation) and (not newOperation or pOperation))]];
            <Bool> as newInformeret[[true]];
            ∀ pInformeret [[((newInformeret
or not pInformeret) and (not newInformeret or pInformeret))]];
            xAffoering, xUdskriv, xJournalHer, xJournalOpdateret, newOperation,
            newInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
            Udskriv[[xUrinering and xAffoering]]:
                1>> <Bool> as newUdskriv[[true]];
                ∀ pUdskriv [[((newUdskriv
or not pUdskriv) and (not newUdskriv or pUdskriv))]];
                xAffoering, newUdskriv, xJournalHer, xJournalOpdateret, xOperation,
                xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>,
                AfslutStuegang[[true]]:
                    treatment<xUrinering, xAffoering,
xUdskriv, xJournalHer, xJournalOpdateret, xOperation, xInformeret,
xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften>
                },
                3<< <Bool> as newUrinering[[true]];
                ∀ pUrinering [[((newUrinering
or not pUrinering) and (not newUrinering or pUrinering))]];
                <Bool> as newAffoering[[true]];
                ∀ pAffoering [[((newAffoering
or not pAffoering) and (not newAffoering or pAffoering))]];

```

TilsynAften[[xJ

```

newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    TilsynEftermiddag[xJournalHer]:
    3 << <Bool> as newUrineret[true];
    ∀ pUrineret [(newUrineret
or not pUrineret) and (not newUrineret or pUrineret)];
    <Bool> as newAffoering[true];
    ∀ pAffoering [(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)];
newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    TilsynMorgen[xJournalHer]:
    3 << <Bool> as newUrineret[true];
    ∀ pUrineret [(newUrineret
or not pUrineret) and (not newUrineret or pUrineret)];
    <Bool> as newAffoering[true];
    ∀ pAffoering [(newAffoering
or not pAffoering) and (not newAffoering or pAffoering)];
newAffoering, xUdskriv, xJournalHer, xJournalOpdateret, xOperation,
xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag, xMedicinAften),
    Udskriv[(xUdskriv and xJournalHer)]:
    end
}
}@(1 of 3))=
guivalue(3,b,1,"Urineret",if xUrineret then "Ja"
else "Nej");
guivalue(3,b,1,"Affring",if xAffoering then "Ja" else
"Nej");
guivalue(3,b,1,"Udskrives",if xUdskriv then "Ja" else
"Nej");
guivalue(3,b,1,"Journal skal opdateres",if xJournalOpdateret
then "Ja" else "Nej");
guivalue(3,b,1,"Opereres",if xOperation then "Ja" else
"Nej");
guivalue(3,b,1,"Patient er informeret",if xInformeret
then "Ja" else "Nej");
guivalue(3,b,1,"Operationsstue er reserveret",if xReserveret
then "Ja" else "Nej");
guivalue(3,b,1,"Medicineres til Morgen",if xMedicinMorgen
then "Ja" else "Nej");
guivalue(3,b,1,"Medicineres til Eftermiddag",if xMedicinEftermiddag
then "Ja" else "Nej");
guivalue(3,b,1,"Medicineres til Aften",if xMedicinAften
then "Ja" else "Nej");
guisync(3,b,1)
{ Medicin():

```

```

        b[1]>>medicin;
        guivalue(3,b,1,"Medicin",medicin);
        b[1]>>xMedicinMorgen;
        b[1]>>xMedicinEftermiddag;
        b[1]>>xMedicinAften;
        Stuegang(xUrineret, xAffoering, xUdskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
        Operer():
        b[1]>>operer;
        b[1]>>patientinformeret;
        Stuegang(xUrineret, xAffoering, xUdskriv, xJournalOpdateret,
operer, patientinformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
        Udskriv((xUrineret and xAffoering))():
        b[1]>>udskriv;
        Stuegang(xUrineret, xAffoering, udskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
        AfslutStuegang():
        Behandling(xUrineret, xAffoering, xUdskriv, true,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b)
    }
    in guivalue(3,b,1,"Urineret",if xUrineret then "Ja"
else "Nej");
        guivalue(3,b,1,"Affring",if xAffoering then "Ja" else
"Nej");
        guivalue(3,b,1,"Udskrives",if xUdskriv then "Ja" else
"Nej");
        guivalue(3,b,1,"Journal er her",if xJournalHer then
"Ja" else "Nej");
        guivalue(3,b,1,"Journal skal opdateres",if xJournalOpdateret
then "Ja" else "Nej");
        guivalue(3,b,1,"Opereres",if xOperation then "Ja"
else "Nej");
        guivalue(3,b,1,"Patient er informeret",if xInformeret
then "Ja" else "Nej");
        guivalue(3,b,1,"Operationsstue er reserveret",if xReserveret
then "Ja" else "Nej");
        guivalue(3,b,1,"Medicineres til Morgen",if xMedicinMorgen
then "Ja" else "Nej");
        guivalue(3,b,1,"Medicineres til Eftermiddag",if xMedicinEftermiddag
then "Ja" else "Nej");
        guivalue(3,b,1,"Medicineres til Aften",if xMedicinAften
then "Ja" else "Nej");

```

```

guisync(3,b,1)
{
  Dikter[xJournalHer]():
    Behandling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
true, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
    Flyt[xJournalHer]():
    Behandling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
    HentJournal[not xJournalHer]():
    Behandling(xUrinerer, xAffoering, xUdskriv, true,
false, xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
    MedicinAften[(xJournalHer and xMedicinAften)]():
    Behandling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, false)(b),
    MedicinEftermiddag[(xJournalHer and xMedicinEftermiddag)]():
    Behandling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
false, xMedicinAften)(b),
    MedicinMorgen[(xJournalHer and xMedicinMorgen)]():
    Behandling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, xReserveret, false, xMedicinEftermiddag,
xMedicinAften)(b),
    Operer[(((xJournalHer and xOperation) and xInformeret)
and xReserveret)](kommentar="": String):
    sync(3,b)
    {
      AfslutOperation:
        Behandling(xUrinerer, xAffoering, xUdskriv,
xJournalHer, xJournalOpdateret, false, false, false, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b)
    },
    Reserver[(((xJournalHer and xOperation) and not xReserveret)]():
    Behandling(xUrinerer, xAffoering, xUdskriv, xJournalHer,
xJournalOpdateret, xOperation, xInformeret, true, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),
    SendJournal[(xJournalHer and xJournalOpdateret)]():
    Behandling(xUrinerer, xAffoering, xUdskriv, false,
xJournalOpdateret, xOperation, xInformeret, xReserveret, xMedicinMorgen,
xMedicinEftermiddag, xMedicinAften)(b),
    Stuegang[(((xJournalHer and not xMedicinMorgen)
and not xMedicinEftermiddag) and not xMedicinAften)]():
    Stuegang(xUrinerer, xAffoering, xUdskriv, xJournalOpdateret,
xOperation, xInformeret, xReserveret, xMedicinMorgen, xMedicinEftermiddag,
xMedicinAften)(b),

```

