```
()
Prgm

ClrHome
ClrIO
FnOff
PlotsOff

Disp  "{}{}{}{}{}{}{}{}{}{}{}{}{}"
Disp  ""
Disp  "       Decimal to"
Disp  "    Binary converter"
Disp  ""
Disp  "{}{}{}{}{}{}{}{}{}{}{}{}{}"

Pause
ClrIO
Lbl  b

Disp  "Decimal?"
Prompt  d
Ø→c

ln(d)/(ln(2))→a
int(a)+1→a
For  x,a,Ø,¯1
:If d-2^x≥Ø Then
::c+1Ø^x→c
::d-2^x→d
:EndIf
EndFor

Disp  "In binary it is..."
Disp  c

EndPrgm
```