

- 3 (There is no superprocedure)

```
/6 [FD 1 RT 10]
 LPEAT 36 [FD 1 RT 10]
PU HOME
SETH 180
REPEAT 9[FD 8 LT 10]
SETH 0
FD 42
SETH 90
PD
REPEAT 3[FD 11 LT 120]
HT
ST
SETH 180
PU
FD 15
RT 90
LT 45
SETH 180
PD
REPEAT 18 [FD 1 LT 10]
HT
FD 2
ST
PU HOME
SETH 90
FD 30
SETH 0
FD 10
PD
FILL
PU
```

```
END
TO ent
 pu home
  st
  LT 45
  FD 100
  seth 0
  pd
  fd 20
  bk 10
  rt 90
  fd 10
  bk 20
  fd 10
  seth 0
  rt 45
  fd 10
  bk 20
  fd 10
   seth 0
  lt 45
  FD 10
  bk 20
  pu
  rt 90
  fd 100
  seth 0
  pd
  fd 20
```

SETH 90 FD 40 PD FILL

```
bk 10
 rt 90
 fd 10
 bk 20
 fd 10
 seth 0
 rt 45
 fd 10
 bk 20
 fd 10
 seth 0
 lt 45
 FD 10
 bk 20
 seth 90
 pu
 fd 50
 seth 0
pd
 pd
 fd 20
bk 10
rt 90
fd 10
bk 20
fd 10
seth 0
rt 45
fd 10
bk 20
fd 10
 seth 0
lt 45
FD 10
bk 20
pu
bk 100
seth 0
PD
pd
fd 20
bk 10
rt 90
fd 10
bk 20
fd 10
seth 0
rt 45
fd 10
bk 20
fd 10
seth 0
lt 45
FD 10
bk 20
PU HOME
BK 130
HT
```

```
20
  U HOME
 SETH 180
 REPEAT 18 [FD 8 LT 10]
 SETH 0
  BK 100
  RT 45
  FD 30
  PD
  FD 70
  BK 20
  SETH 180
  LT 90
  FD 20
  BK 20
  SETH 180
  BK 20
END
TO BUTTONS
   PU HOME
   BK 100
   RT 90
   FD 45
   SETH 0
   FD 20
   PD
   REPEAT 36 [FD 1 RT 10]
   PU
   BK 20
   PD
   REPEAT 36 [FD 1 RT 10]
   PU
   BK 20
   PD
   REPEAT 36 [FD 1 RT 10]
   SETH 90
   PU
   FD 7
   PD
   FILL
   PU
   SETH 0
   FD 15
   FD 5
   PD
   FILL
   PU
   FD 20
   PD
   FILL
   PU HOME
```

```
END
TO FACE
PU
RT 90
FD 20
SETH 0
FD 10
PD
```

```
DRAW
TO CIRCLE :SIDE
   REPEAT 36[FD :SIDE RT 10]
   PU
   SETH 180
   REPEAT 9[FD 8 LT 10]
   SETH 0
   FD 10
   RT 90
   FD 50
   BK 100
   SETH 180
   FD 70
       SETH 0
   PD
   PU
   FD 70
   PD
END
TO MOVE
   PU
   SETH 180
   FD 70
       SETH 0
END
TO FLOW
   PU
   SETH 180
   FD 110
   SETH 0
   PD
END
TO HAT
  PU HOME
  REPEAT 9[FD 8 RT 10]
  SETH 270
  BK 50
  PD
  REPEAT 2[FD 100 RT 90 FD 10 RT 90]
  SETH 0
  FD 10
  SETH 270
  FD 25
  SETH 0
  REPEAT 4[FD 50 LT 90]
  PU
  SETH 270
  FD 40
  SETH 0
  FD 40
  PD
  FILL
  PU
  BK 45
  SETH 270
  PD
  FILL
END
TO HANDS
  PU HOME
  BK 100
  RT 90
  BK 7
  RT 45
  PD
```