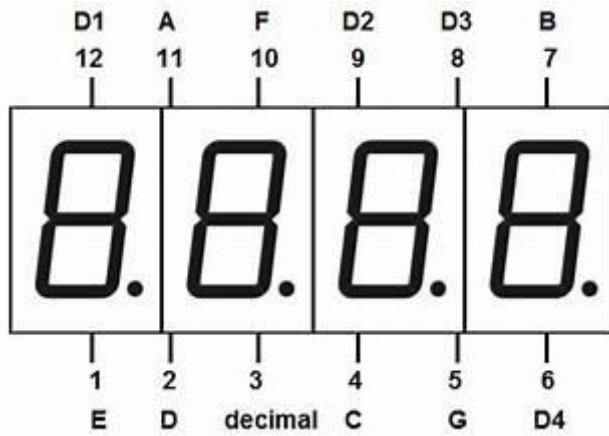


අංක දර්ශනය කිරීම සඳහා පහත ආකාරයට ක්‍රමලේඛනය කරන්න.



ඉහත දැක්වෙන රූපයට අනුව Micro: bit Board හි **Pin 16**ක් භාවිතා කර ක්‍රමලේඛනය කළ හැකිය. ඒවායෙන් අංක දර්ශනය කිරීම සඳහා **Pin 12** භාවිතා කර කළ යුතුය. ඒවා පහත පරිදි දක්වා ඇත.

අංක 4 සඳහා

P1 – D1 P2 – D2 P3 – D3 P4 – D4

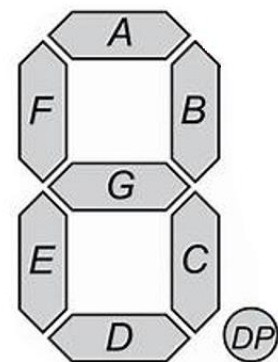
දශම තිත සඳහා

P5 – DP (Decimal Point)

ඉලක්කම් දර්ශනය කිරීම සඳහා

P6 – A P7 – B P8 – C P9 – D

P10 – E P11 – F P12 – G



පහත දැක්වෙන පරිදි සෑම අංකයක් සඳහාම **Function** එකක් නිර්මාණය කර ගත යුතුය. අංකයෙන් අංකයට මාරු වන අවස්ථාවේදී අංකය **Reset** කිරීම වඩා යෝග්‍ය වේ. තත්පරයක කාල පරාසයක් අංකය දර්ශනය වීමට **Wait 1000ms** භාවිතා කරන ලදී.

P1 – 1 කිරීම මගින් අදාළ අංකය දර්ශනය වේ.



```
function 0 (^)
digital write pin P6 to 1
digital write pin P7 to 1
digital write pin P8 to 1
digital write pin P9 to 1
digital write pin P10 to 1
digital write pin P11 to 1
digital write pin P12 to 1
```

```
function 1 (^)
digital write pin P7 to 1
digital write pin P8 to 1
```

```
function 2 (^)
digital write pin P6 to 1
digital write pin P7 to 1
digital write pin P9 to 1
digital write pin P10 to 1
digital write pin P12 to 1
```

```
function 3 (^)
digital write pin P6 to 1
digital write pin P7 to 1
digital write pin P12 to 1
digital write pin P8 to 1
digital write pin P9 to 1
```

```
function 4 (^)
digital write pin P7 to 1
digital write pin P8 to 1
digital write pin P11 to 1
digital write pin P12 to 1
```

```
function 5 (^)
digital write pin P6 to 1
digital write pin P11 to 1
digital write pin P12 to 1
digital write pin P8 to 1
digital write pin P9 to 1
```

```
function 6 (^)
digital write pin P6 to 1
digital write pin P11 to 1
digital write pin P10 to 1
digital write pin P9 to 1
digital write pin P8 to 1
digital write pin P12 to 1
```

```
function 7 (^)
digital write pin P6 to 1
digital write pin P7 to 1
digital write pin P8 to 1
```

```
function 8 ^
digital write pin P6 to 1
digital write pin P7 to 1
digital write pin P8 to 1
digital write pin P9 to 1
digital write pin P10 to 1
digital write pin P11 to 1
digital write pin P12 to 1
```

```
function 9 ^
digital write pin P6 to 1
digital write pin P7 to 1
digital write pin P8 to 1
digital write pin P9 to 1
digital write pin P11 to 1
digital write pin P12 to 1
```

```
function Reset ^
digital write pin P6 to 0
digital write pin P7 to 0
digital write pin P8 to 0
digital write pin P9 to 0
digital write pin P10 to 0
digital write pin P11 to 0
digital write pin P12 to 0
```

```
forever
digital write pin P1 to 1
call 0
pause (ms) 1000
call Reset
call 1
pause (ms) 1000
call Reset
call 2
pause (ms) 1000
call Reset
call 3
pause (ms) 1000
call Reset
call 4
pause (ms) 1000
call Reset
call 5
pause (ms) 1000
call Reset
call 6
pause (ms) 1000
call Reset
call 7
pause (ms) 1000
call Reset
call 8
pause (ms) 1000
call Reset
call 9
pause (ms) 1000
```