### Magic 8 Ball: Ask a question, then shake to find an answer

Visit:<https://www.microbit.co.uk/app/> and then click on `Create Code` and `MicroPython`

1. Import all functions from module `microbit` and `random`.

from microbit import \*

import random

2. Create a list of possible answers

answers = [

"It is certain",

"It is decidedly so",

"Without a doubt",

"Yes, definitely",

"You may rely on it",

"As I see it, yes",

"Most likely",

"Outlook good",

"Yes",

"Signs point to yes",

"Reply hazy try again",

"Ask again later",

"Better not tell you now",

"Cannot predict now",

"Concentrate and ask again",

"Don't count on it",

"My reply is no",

"My sources say no",

"Outlook not so good",

"Very doubtful",

]

3. Create a forever loop (while loop and set to True). First display the number `8`, and then when the accelerometer is shaken, select a random answer from the list created above and display.

while True:

display.show('8')

if accelerometer.was\_gesture('shake'):

display.clear()

sleep(1000)

display.scroll(random.choice(answers))

sleep(10)

4. Download the code and copy to MicroBit.