

day68 microbit images

Write and load a program that does the following:

1. Put your name at the top in a comment. A comment starts with #.
2. Next add the line "from microbit import *"
3. Create a while True: loop and put everything below into it.
4. Scroll your first name to start things off.
5. Display two of the pre-defined images for 2 seconds each.
6. Make and then show an image that you created using the same method they show in the boat example. Show this image for 5 seconds. It can't be anything like the boat example. I want something that is recognizable and that you personally have created. Start with this image of all zeros and change numbers to 9s for bright lights and lower numbers for less bright lights:

```
pict = Image("00000:"  
             "00000:"  
             "00000:"  
             "00000:"  
             "00000")
```

7. Make a Python list variable, put 5 images into it, and then animate a sequence of images (your own, or pre-defined, I don't care). They show you how to do this in the Tutorial. Do not use Image.ALL_ARROWS or Image.ALL_CLOCKS. I'm asking you to create a list variable containing at least 5 images and then animate it as shown in the example code. Play with the animation timing so that you are happy with the "show."
8. Turn your program in on the Google Classroom.

I will be coming by to check you off in person, so even if you are done and have turned in your code, please leave the micro:bit connected with the Mu Editor open with your code showing until I come over to check you off. If you are stuck waiting for me, find something school-related to work on.

When you are done, feel free to play around with the microbit, exploring other tutorials, trying out the block coding environment (via the web site), or otherwise figuring out some other cool things that we can do with these. They each have two buttons, for example, plus a three axis accelerometer, not to mention Bluetooth functionality in them. There is a lot we can do with these!