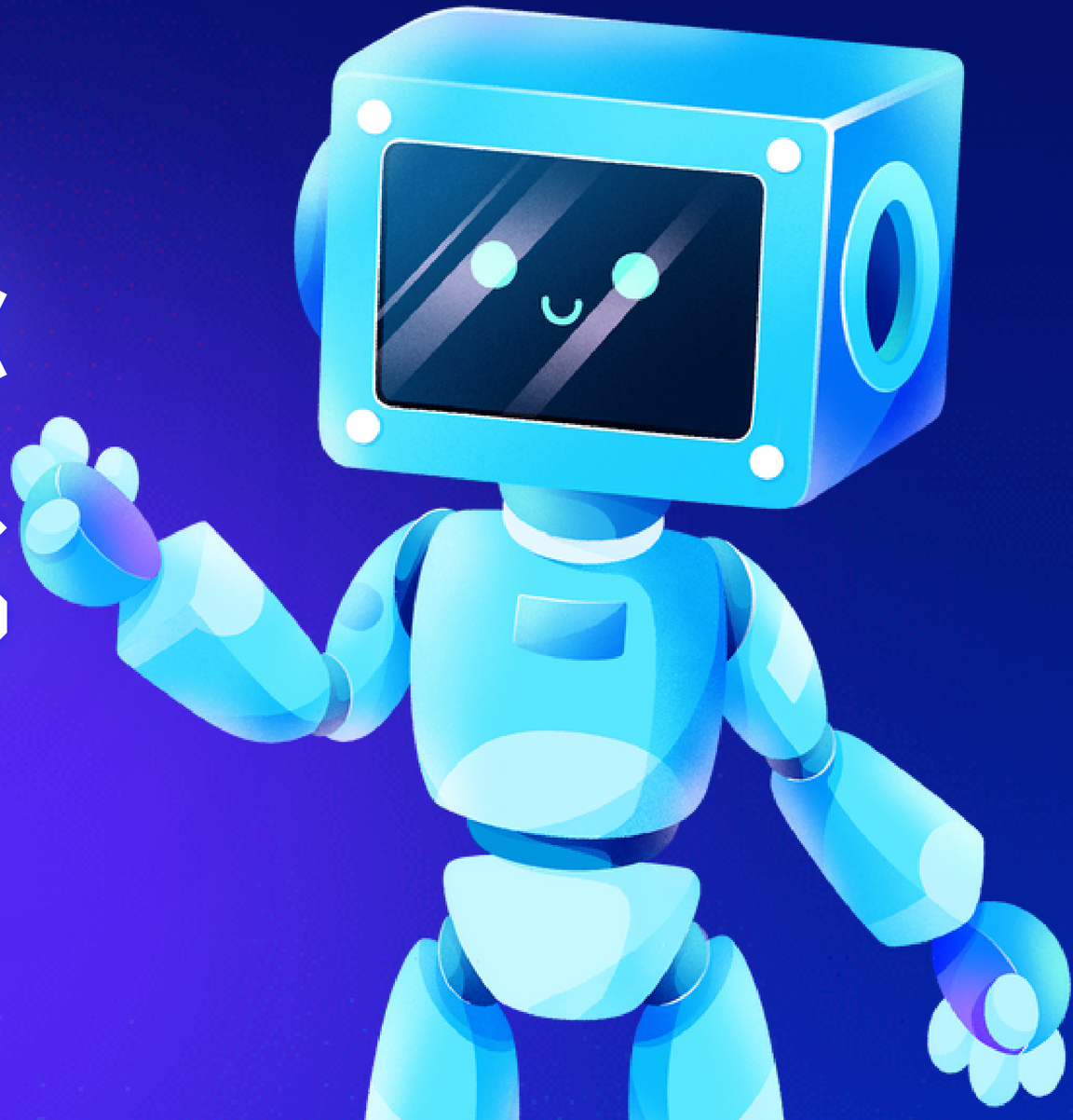
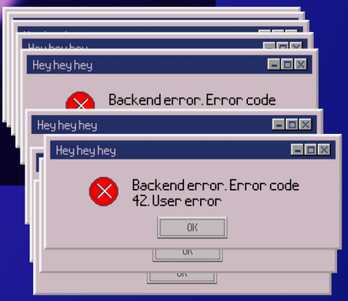
MILLBANK ACADEMY

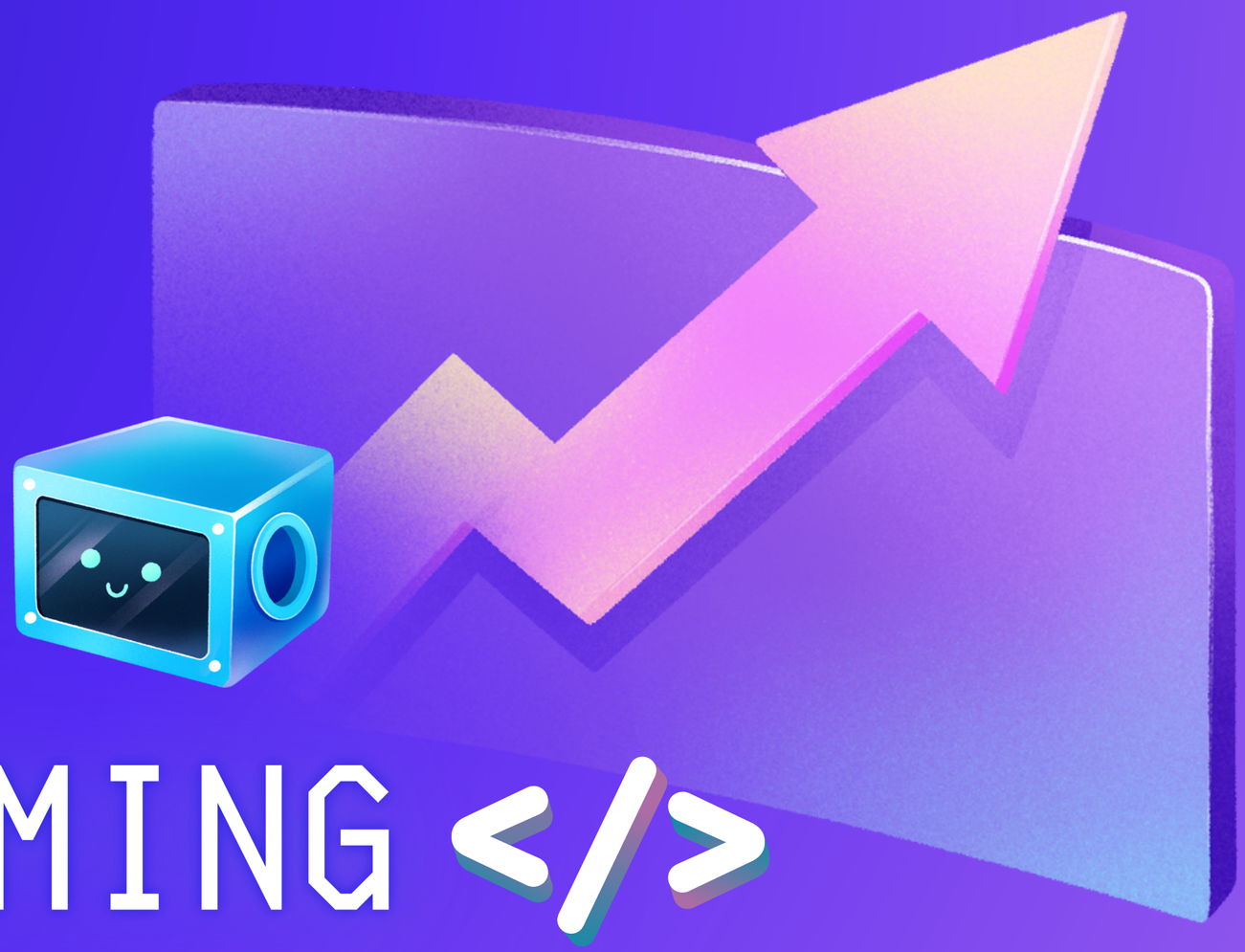
CODING & ROBOTICS

17th January 2024



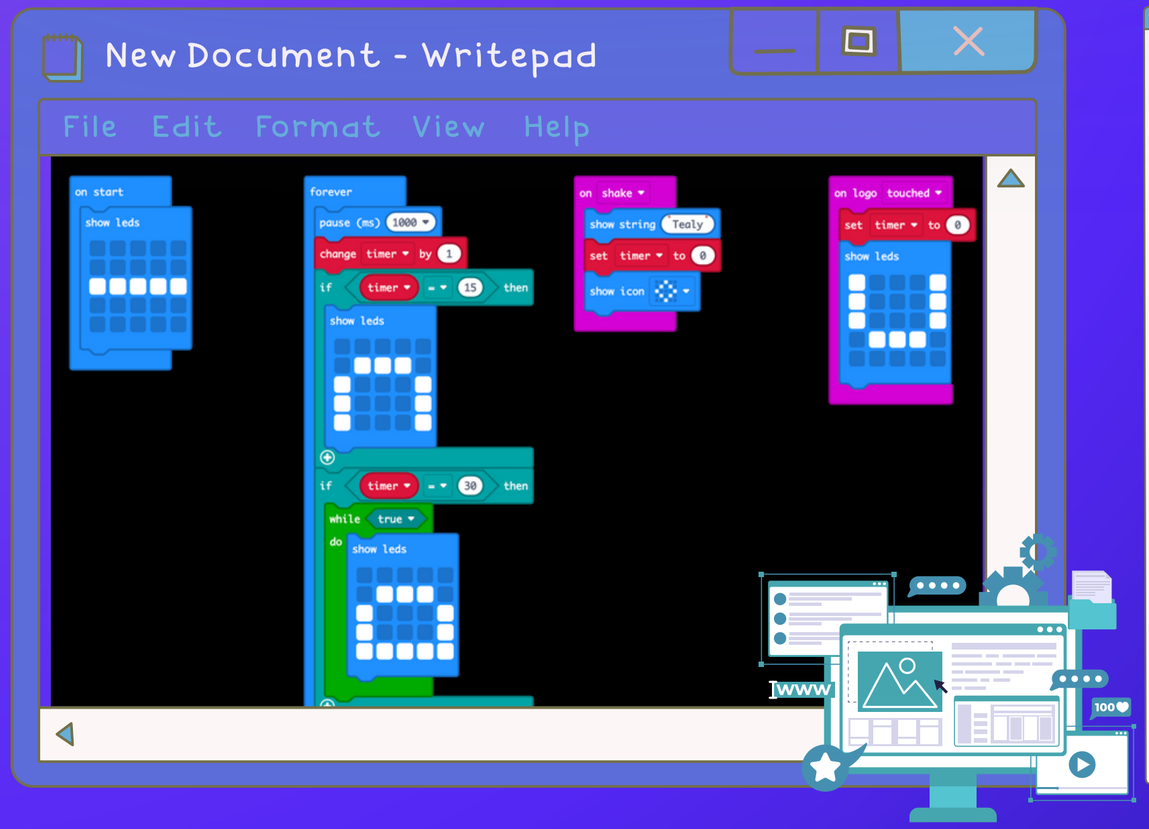
CODING </>

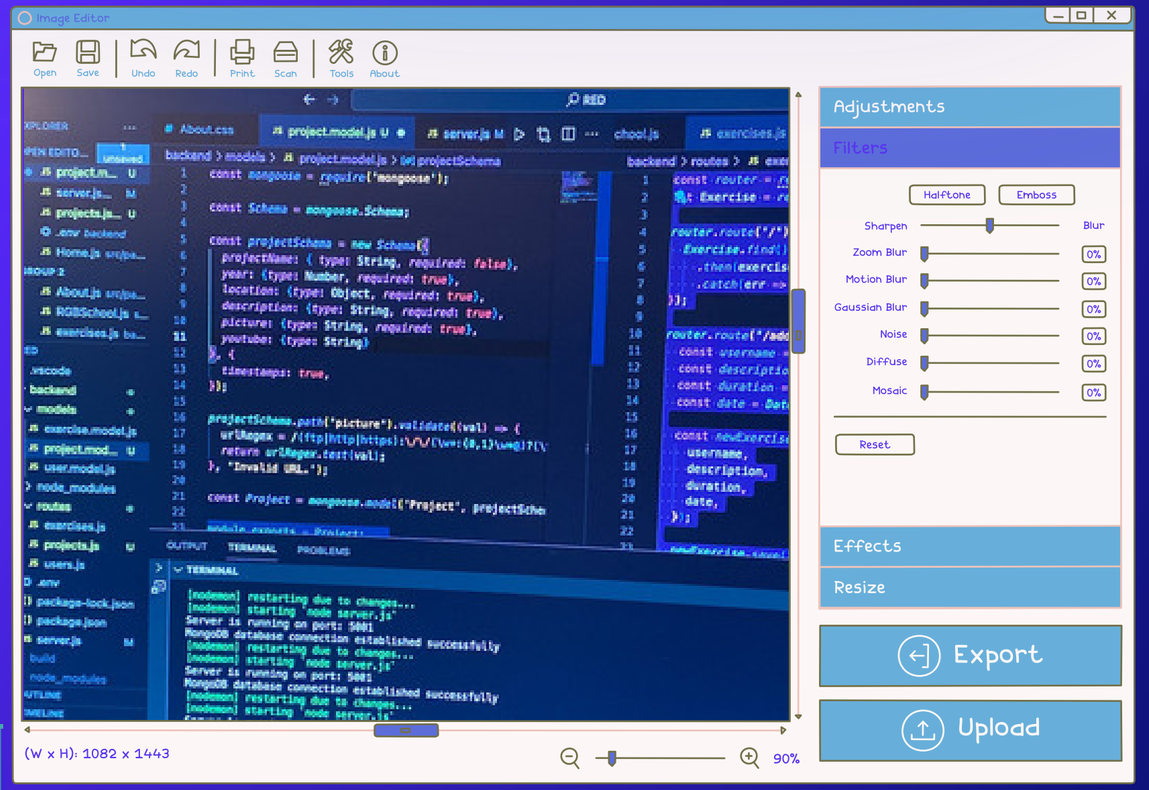

Hey hey hey
Backend error. Error code
Hey hey hey
Hey hey hey
Backend error. Error code
42. User error
OK

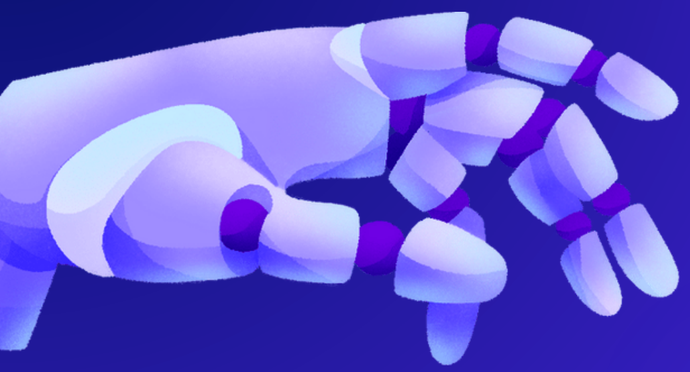


PROGRAMMING </>

PROGRAMMING LANGUAGES

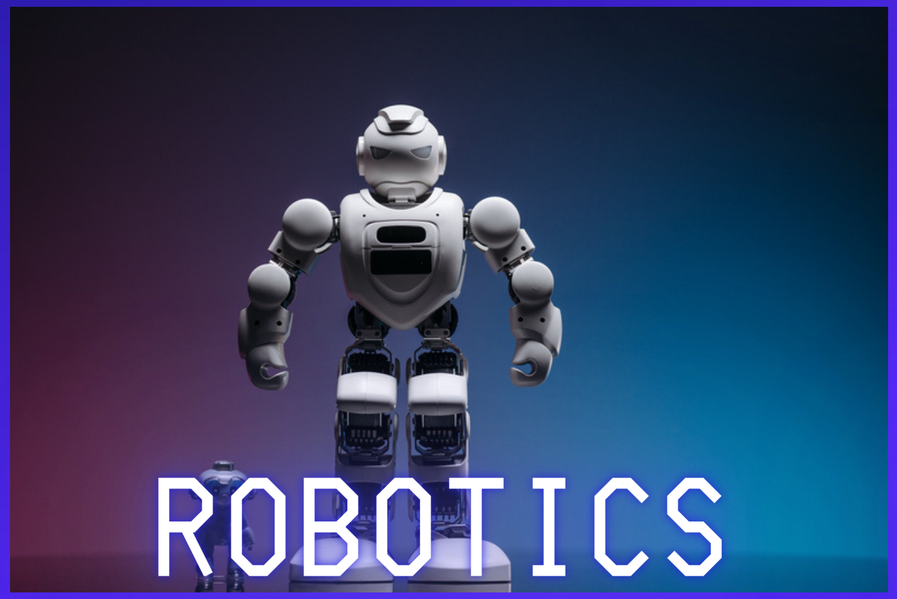






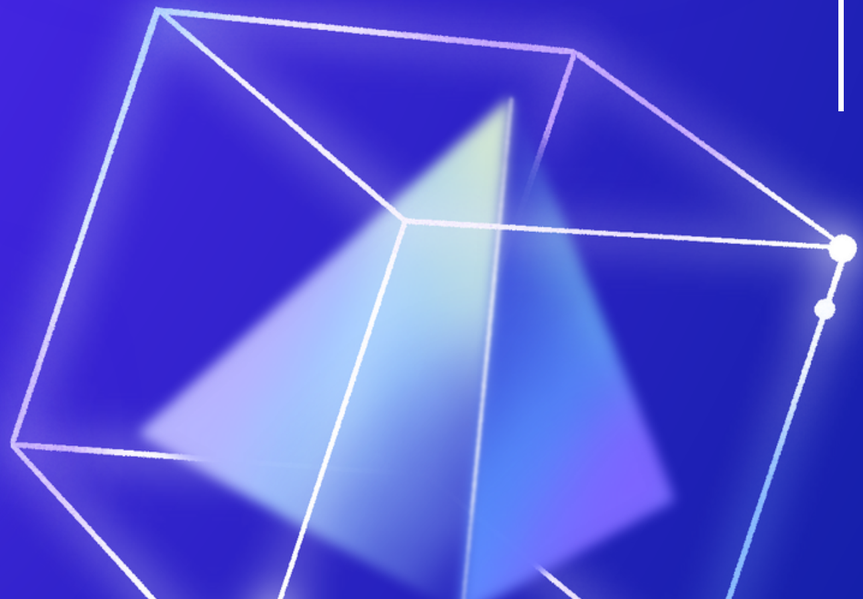
VIDEO GAMES

WEBSITES



ROBOTICS

SMARTPHONE



01

17TH JAN

MICROPETS

02

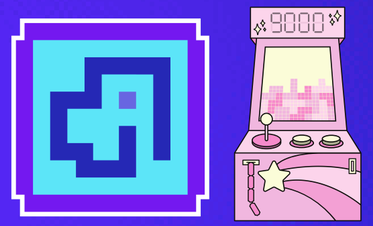
24TH JAN

MUSIC

03

31ST JAN

SNAKE & TETRIS



04

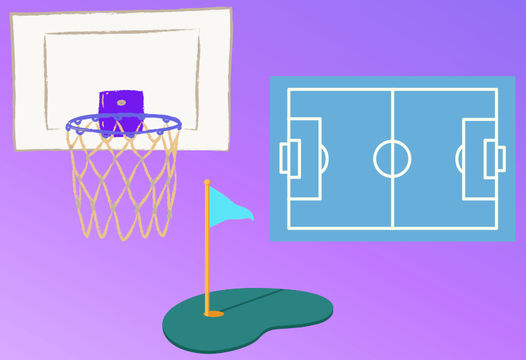
7TH FEB

MAZE RUNNER, BULLDOZER & PICASSO

05

21ST FEB

SPORTS DAY



06

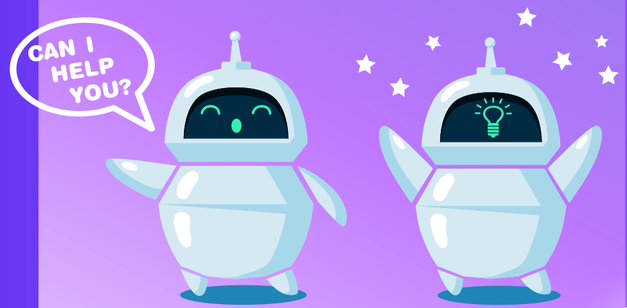
28TH FEB

MAKE YOUR OWN SCRATCH GAME

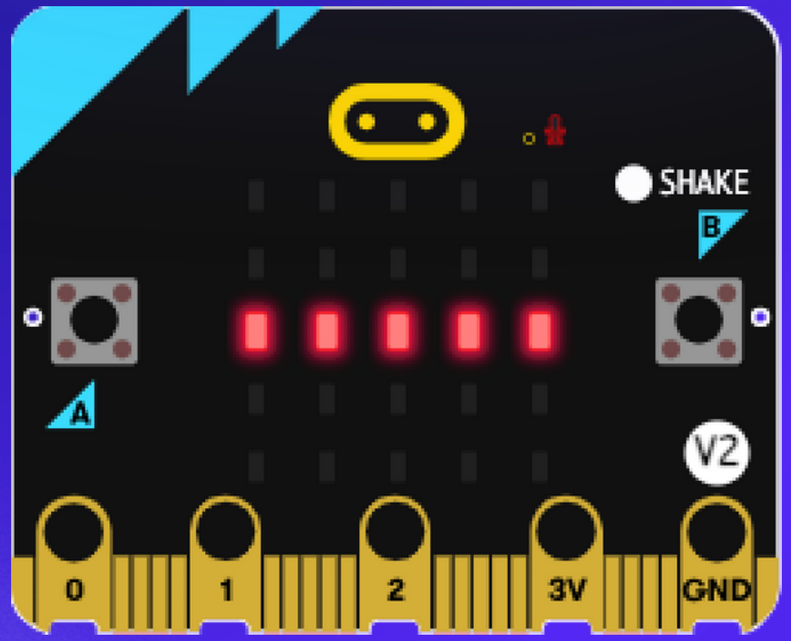
07

6TH MARCH

OTTOBOT PARTY TIME

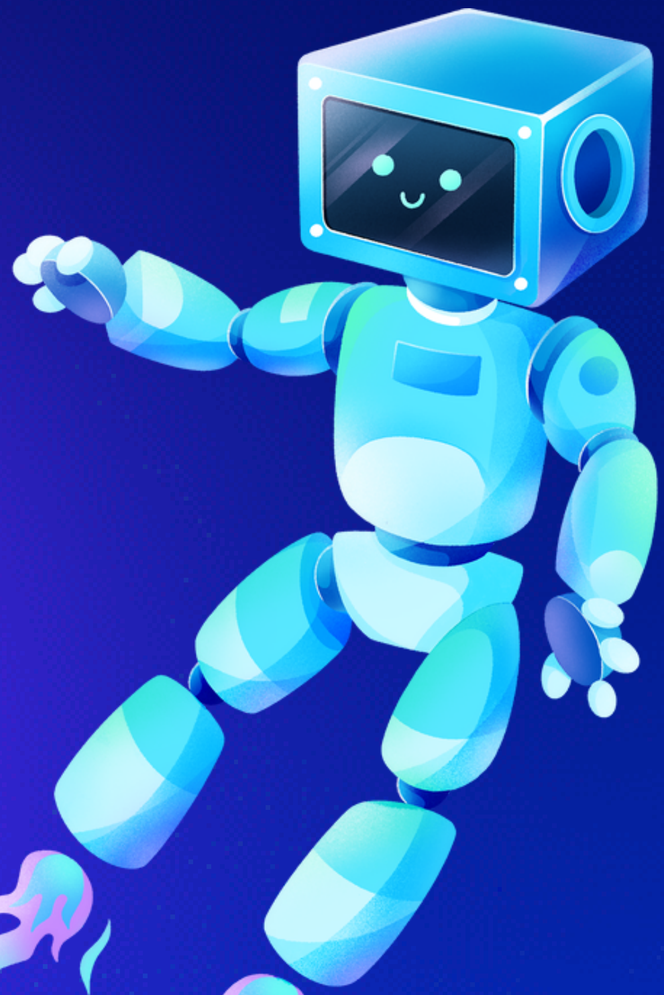


MICROBIT



VARIABLES

timer



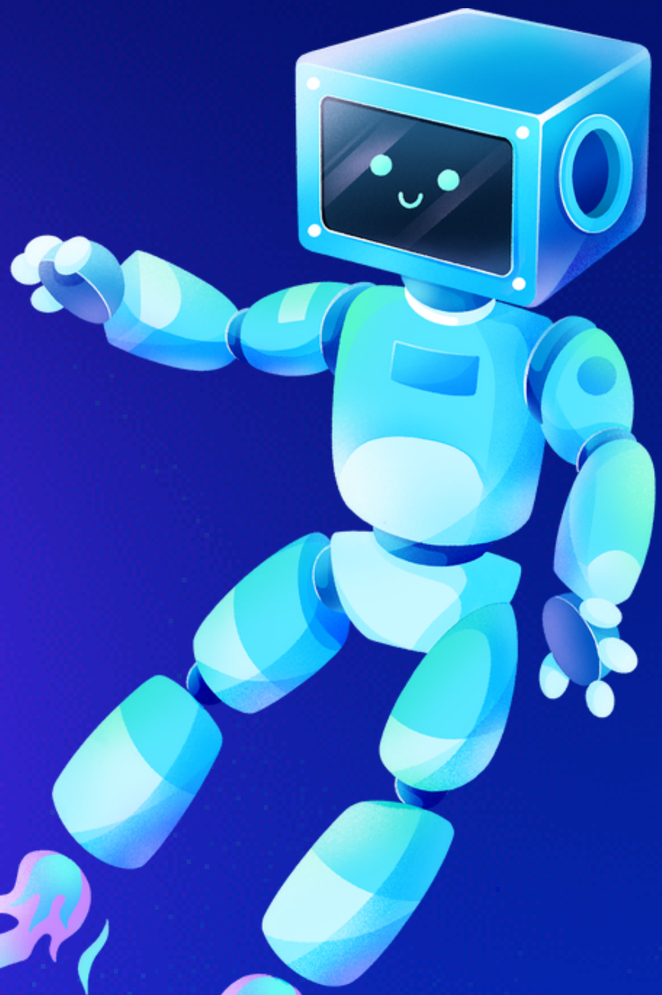
VARIABLES

VARIABLES

timer

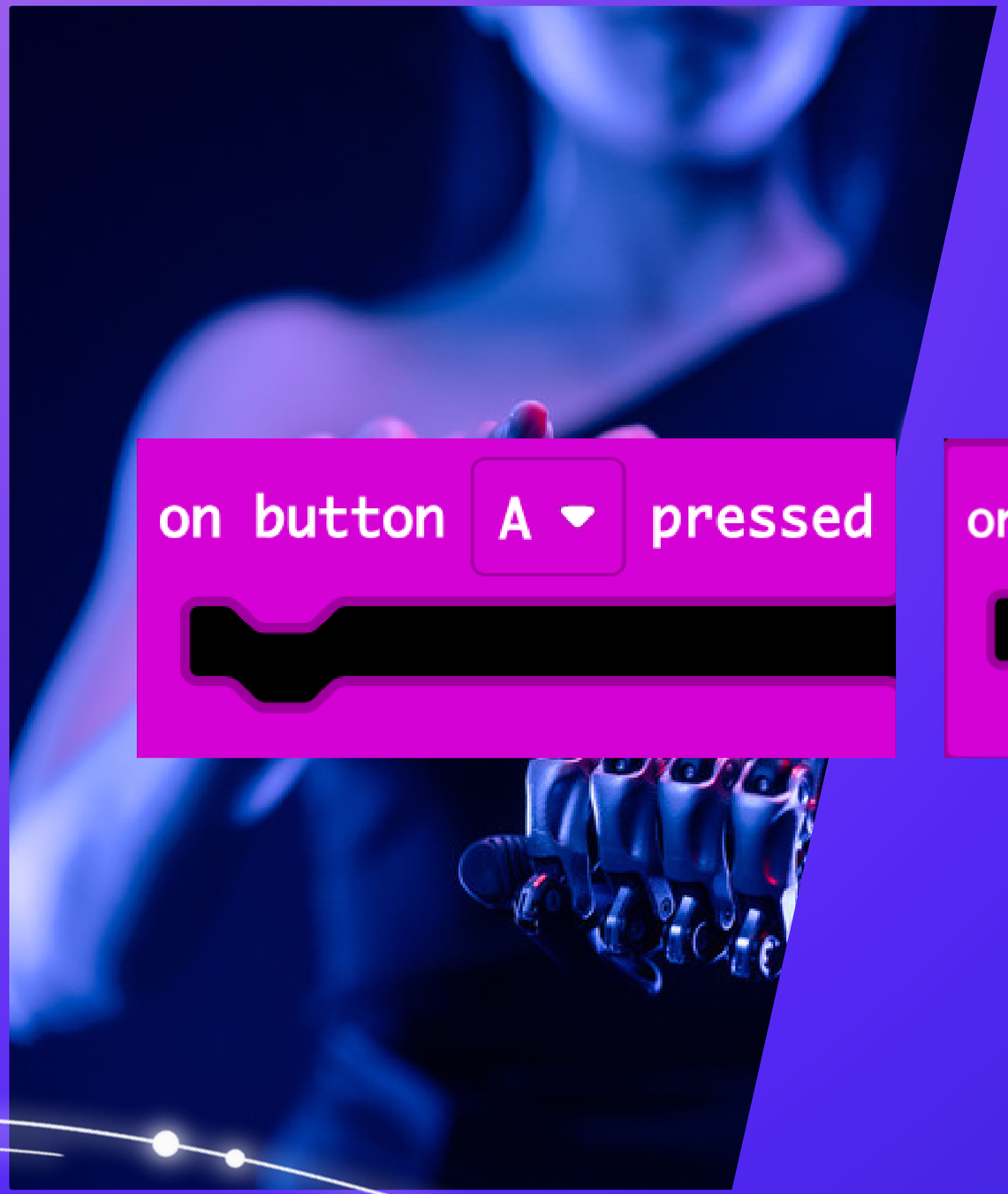
set timer to 0

change timer by 1

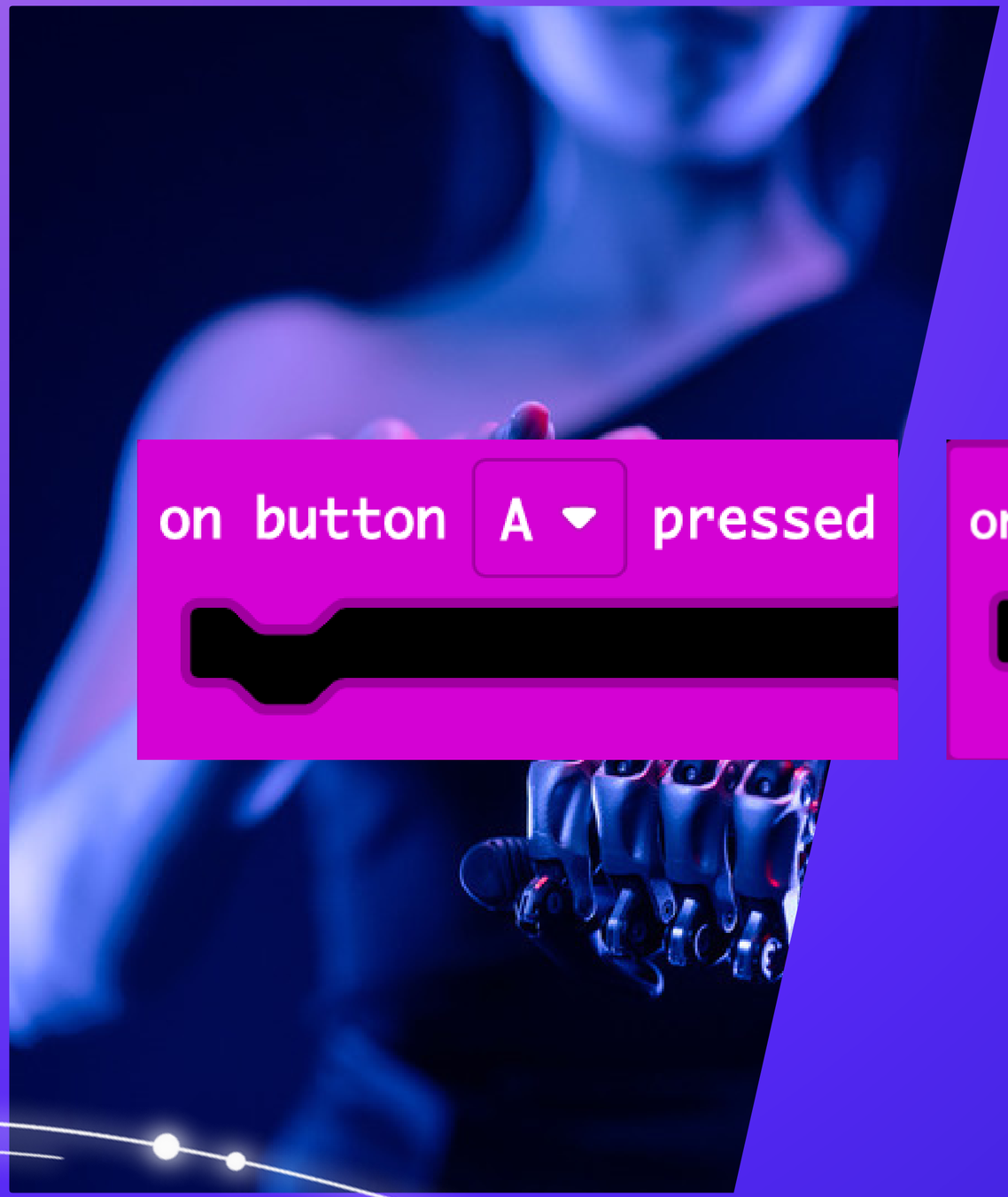


INPUT

INPUT



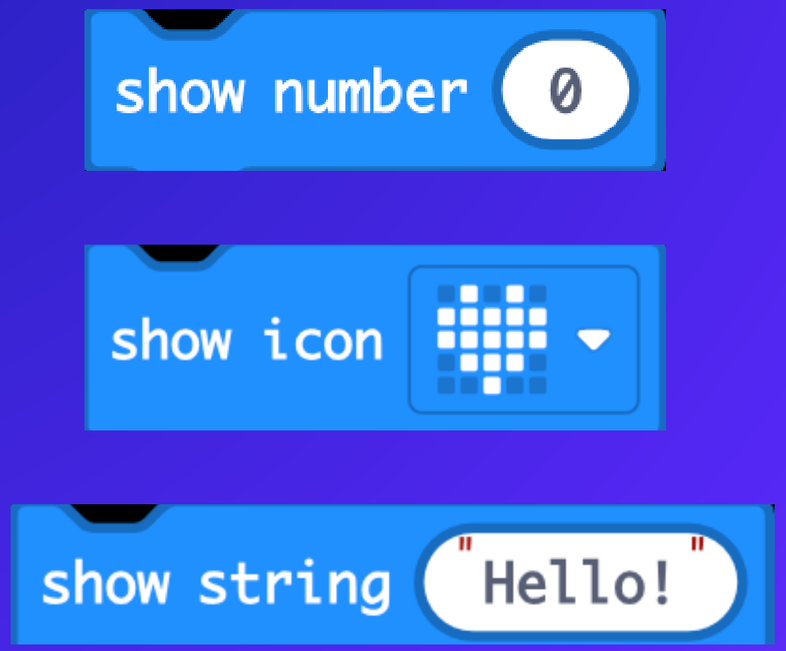
INPUT



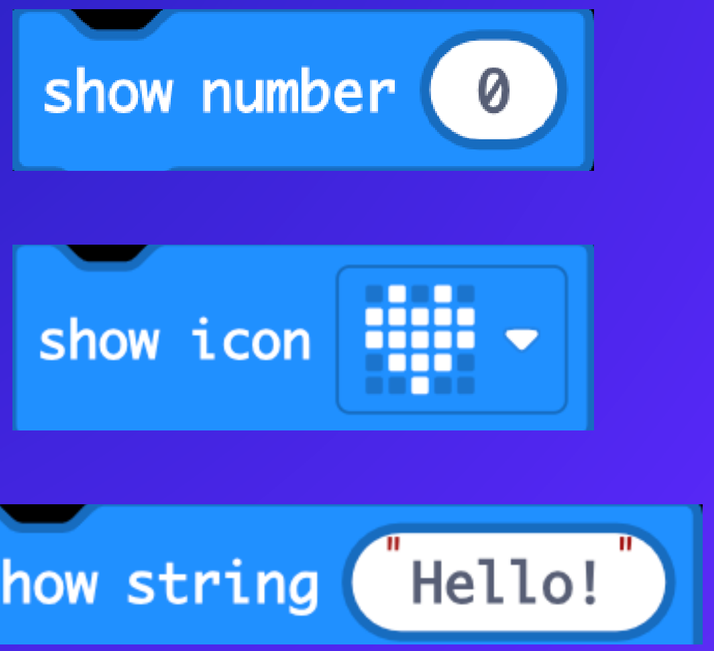
OUTPUT

OUTPUT

OUTPUT



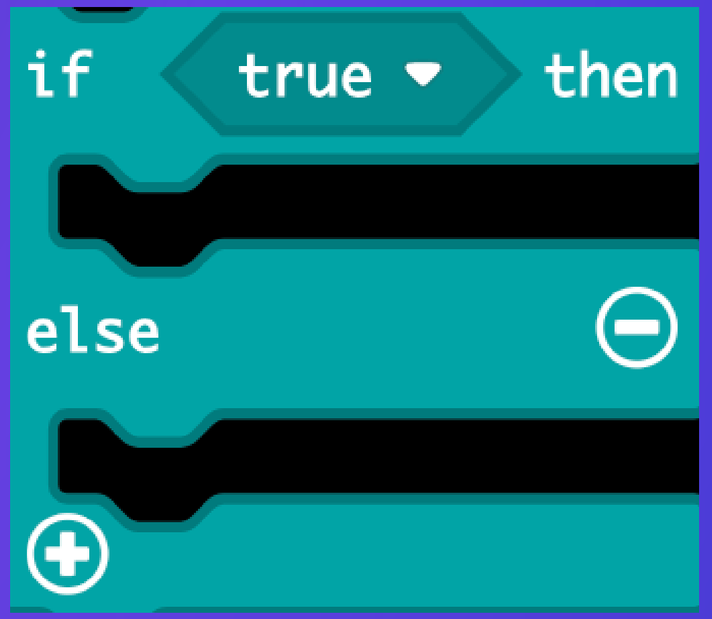
OUTPUT



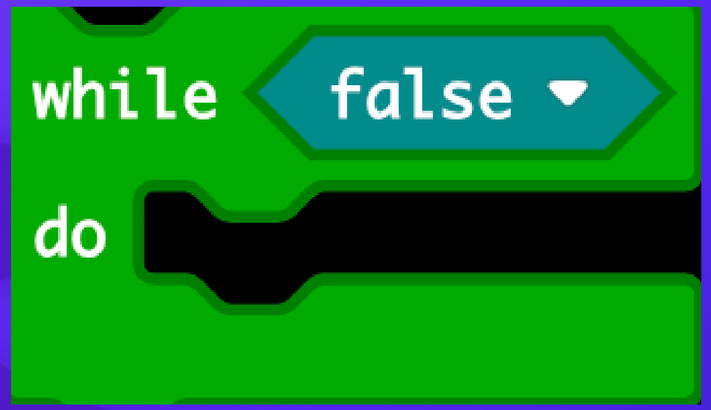
CONDITIONALS

01

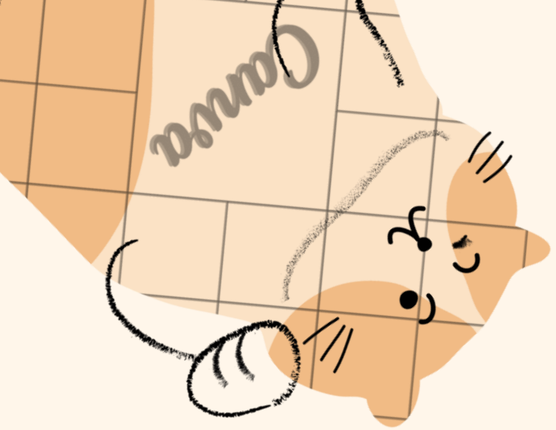
02



LOOPS

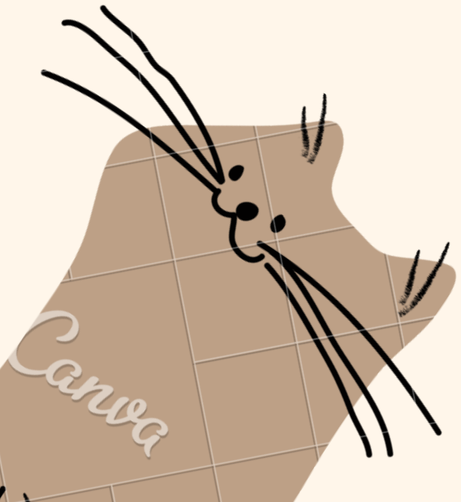


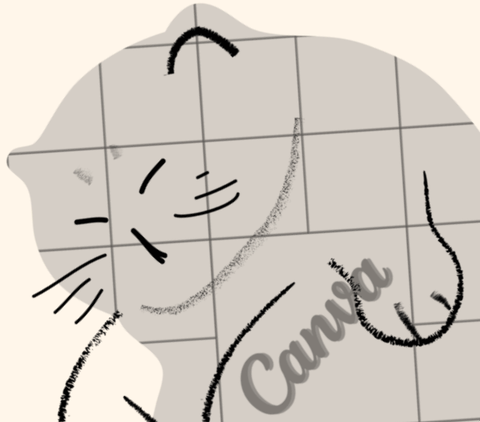
TIME TO CODE!



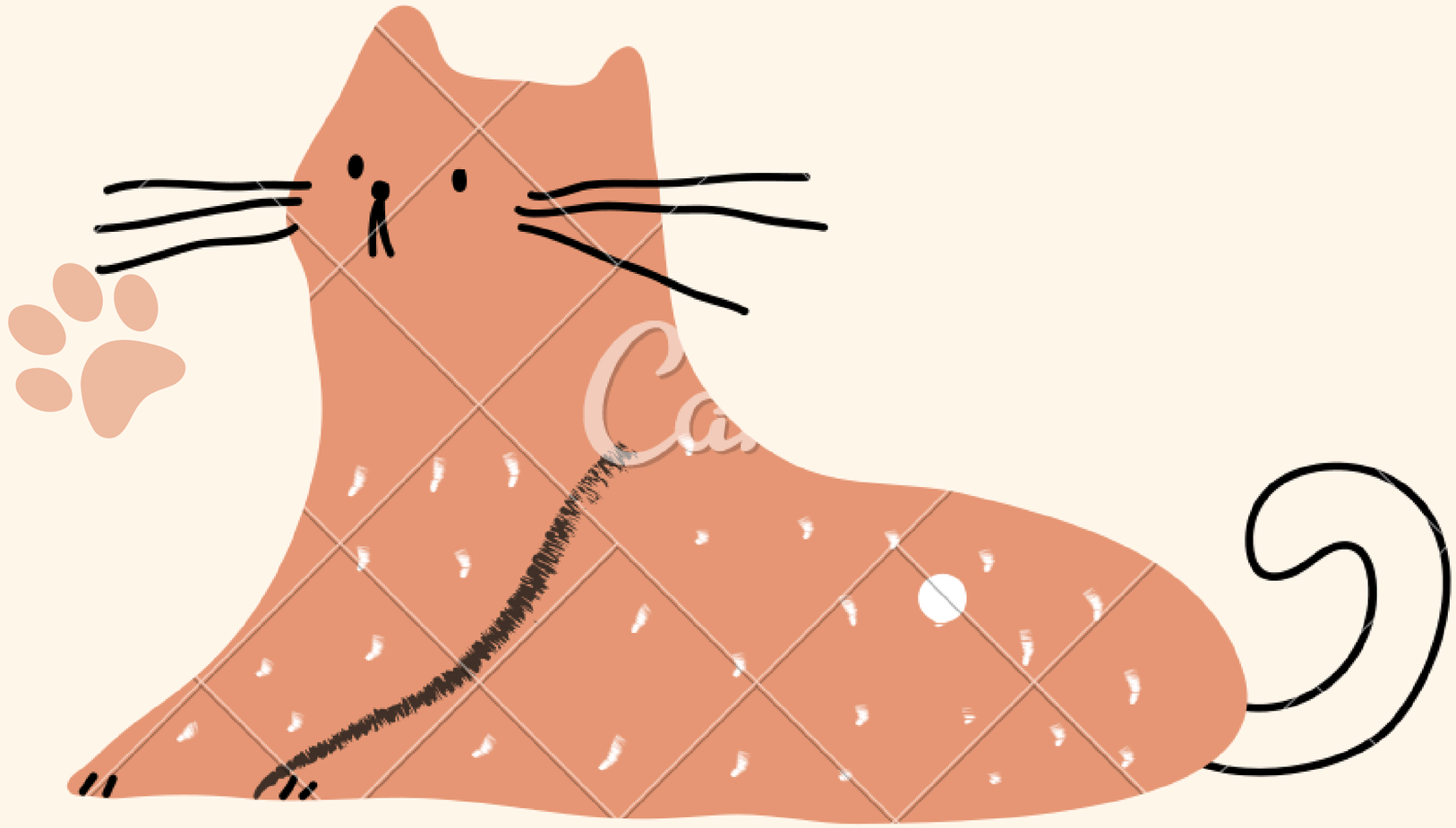
micro:pets

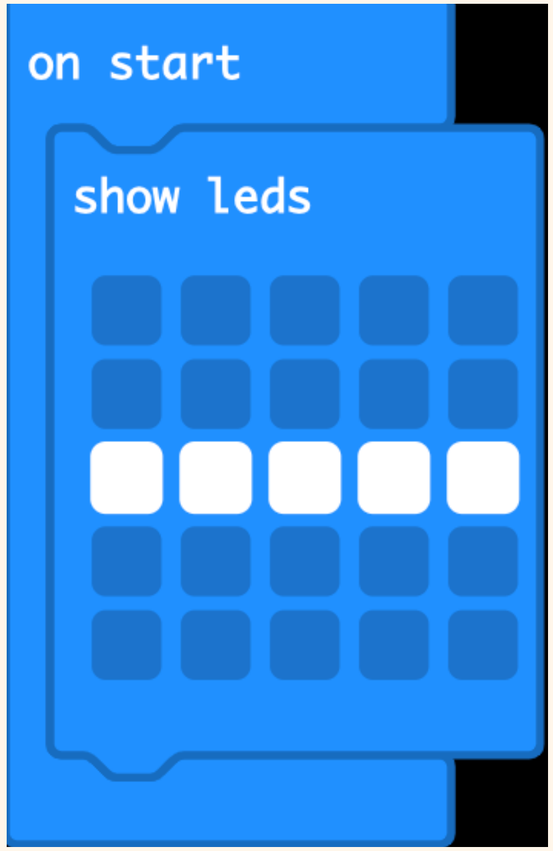
17th January 2024



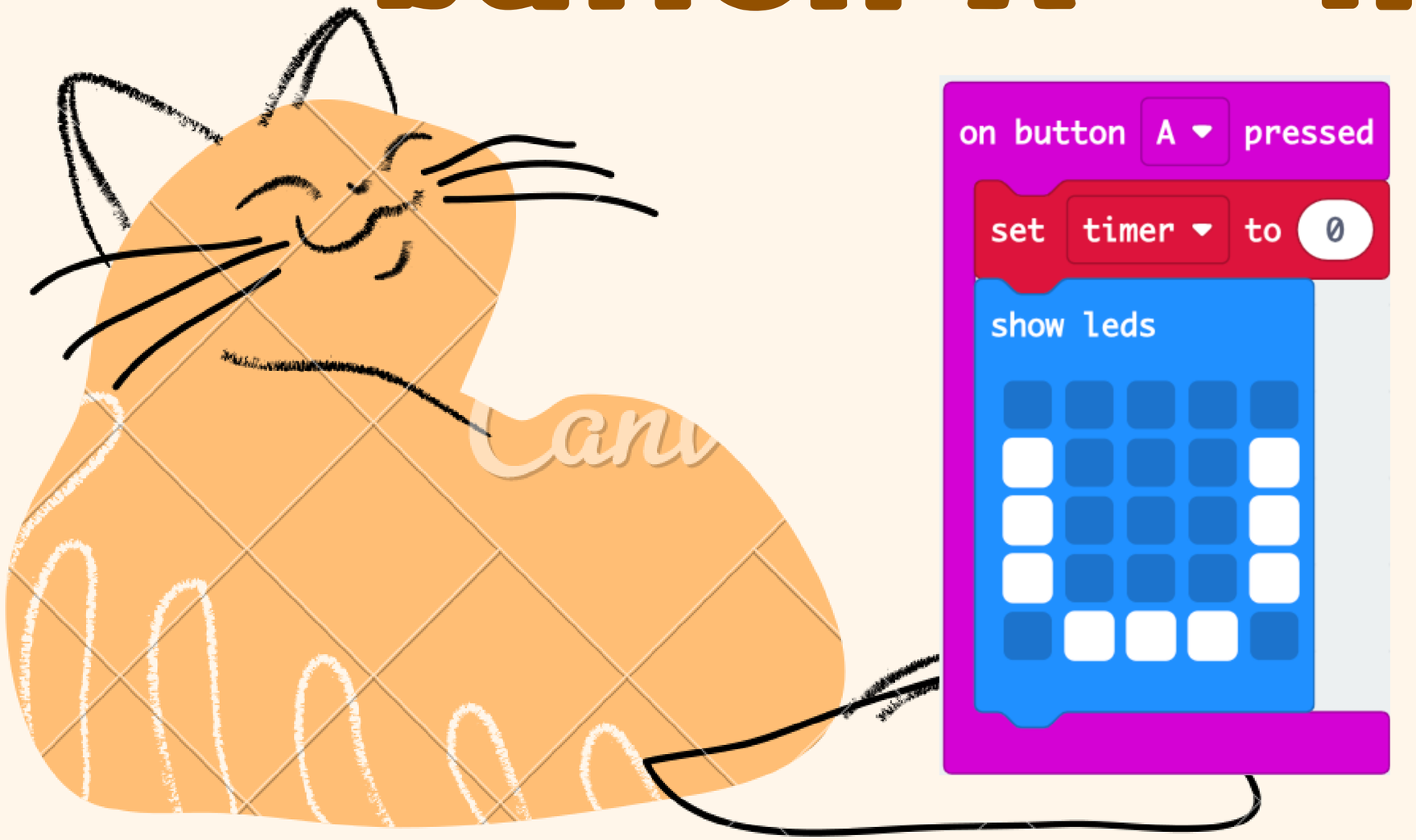


start - neutral



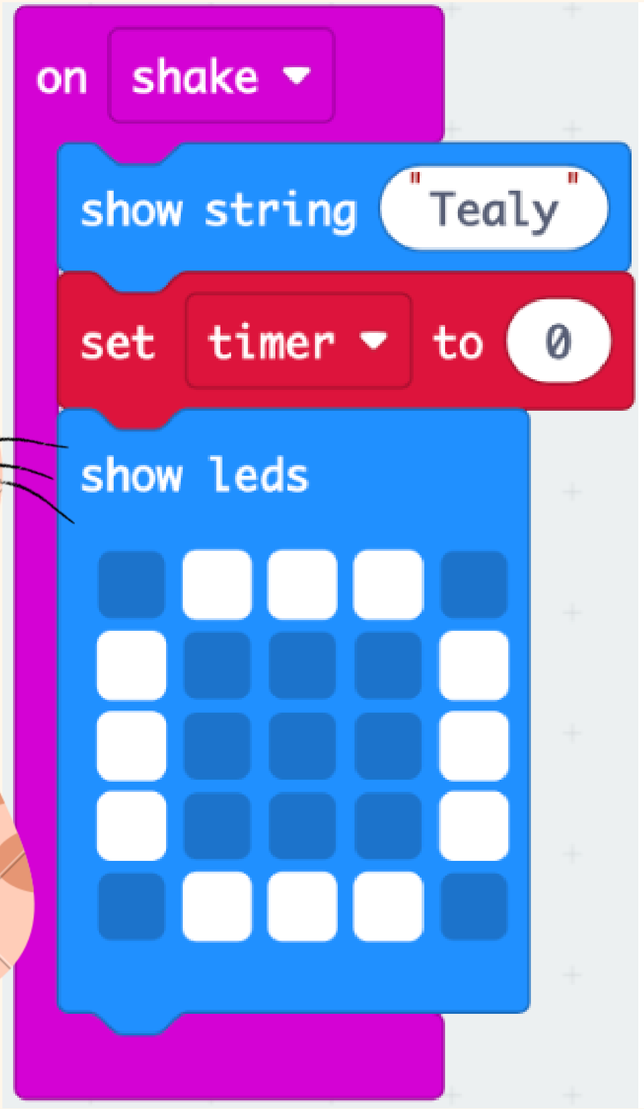


button A -> happy

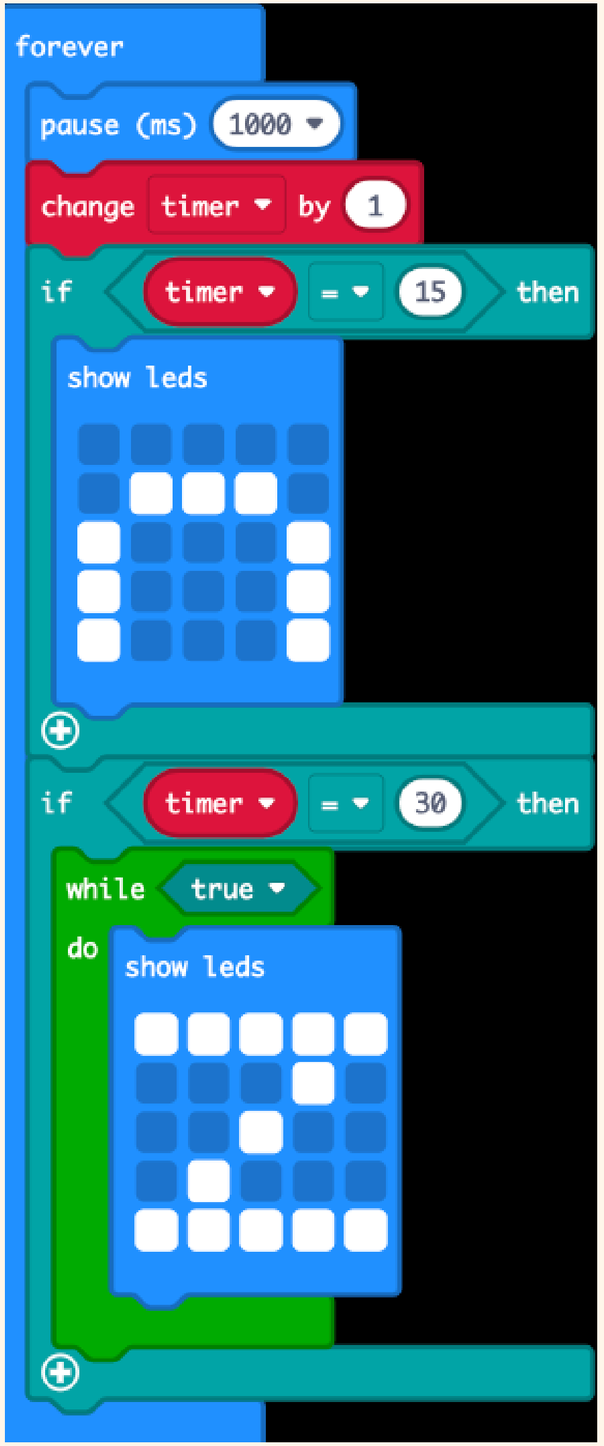


button B -> reset

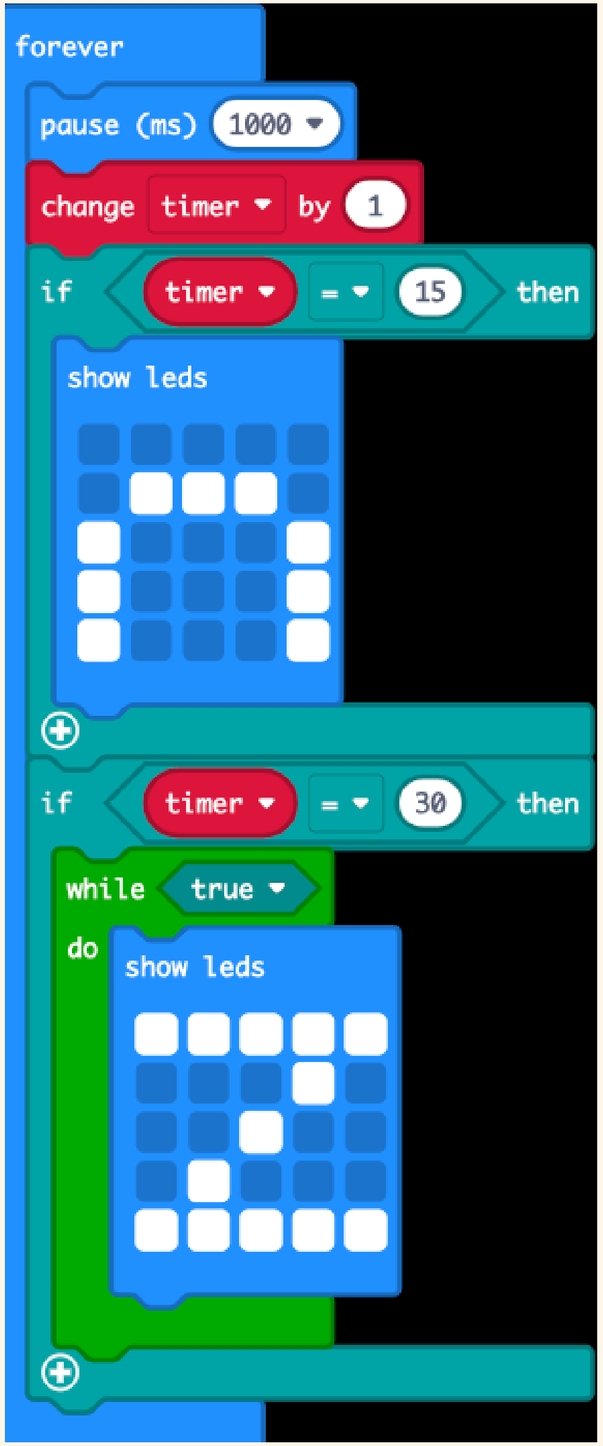
shake ->
show name



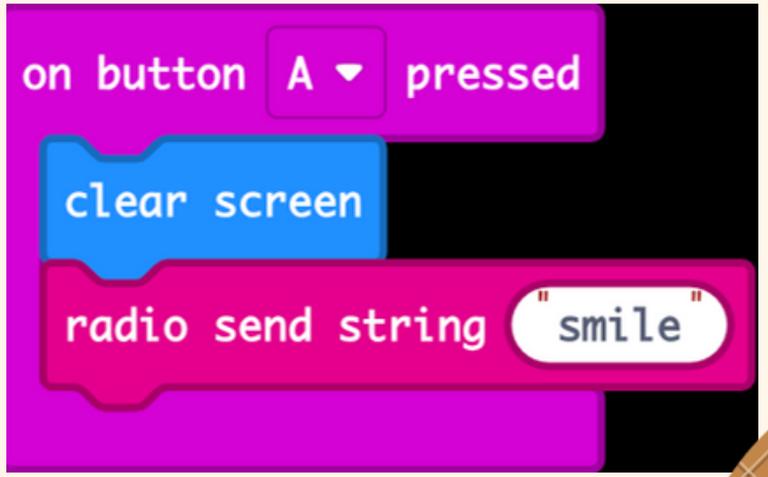
after 15s ->sad



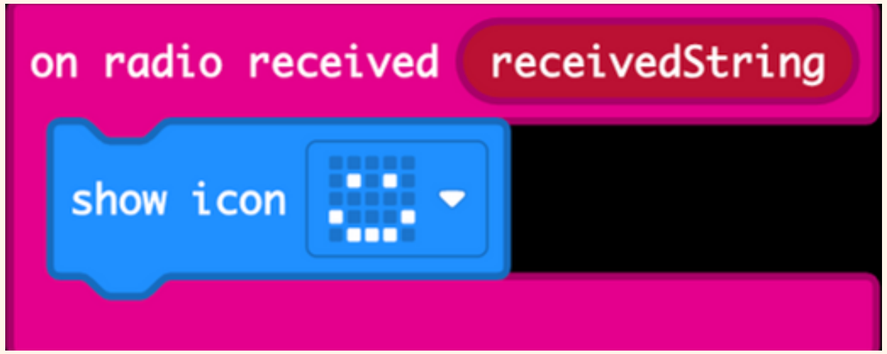
after 30s
-> sleepy



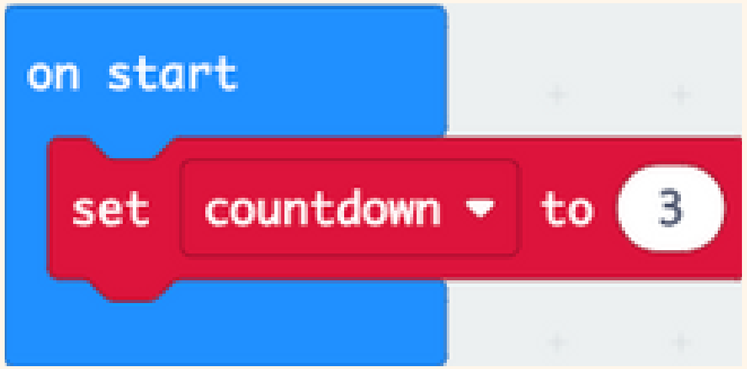
spread a smile :)

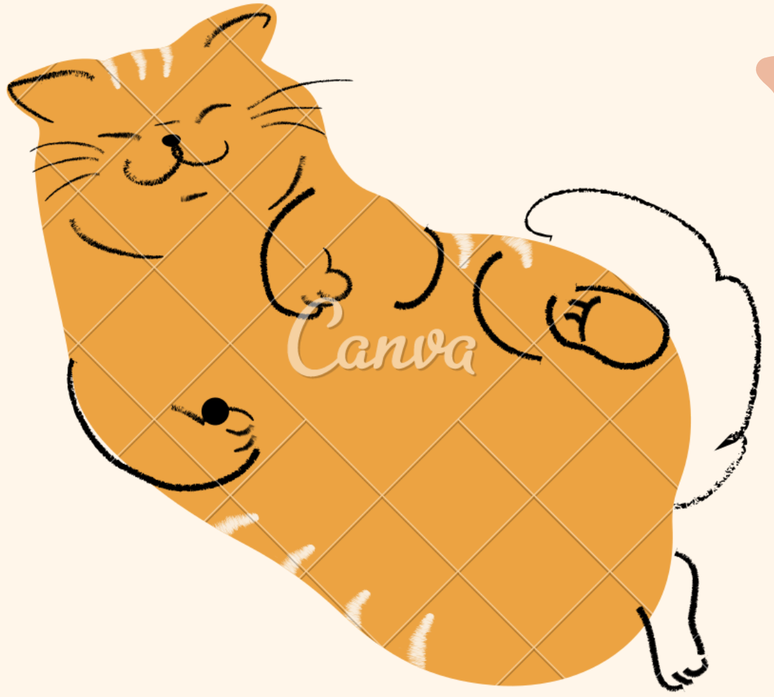

on button A pressed
clear screen
radio send string "smile"


Canva


on radio received
receivedString
show icon

rock paper scissors






```
on shake
repeat 3 times
do
    show number countdown
    change countdown by 0 - 1
set tool to pick random 0 to 2
if tool = 0 then
    show icon
else if tool = 1 then
    show icon
else
    show icon
pause (ms) 2000
reset
```

see you next week!