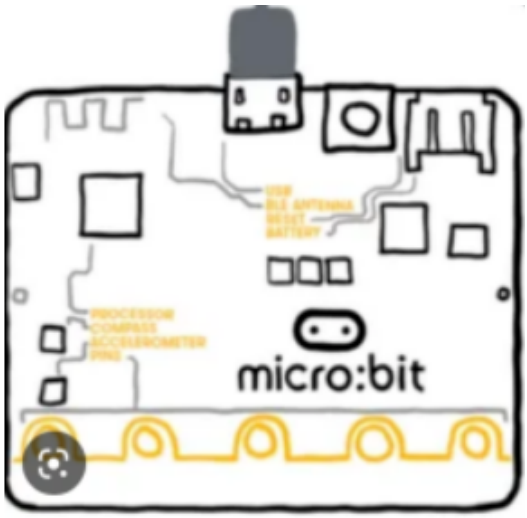
Quizalize

Microbit recap test
10 questions



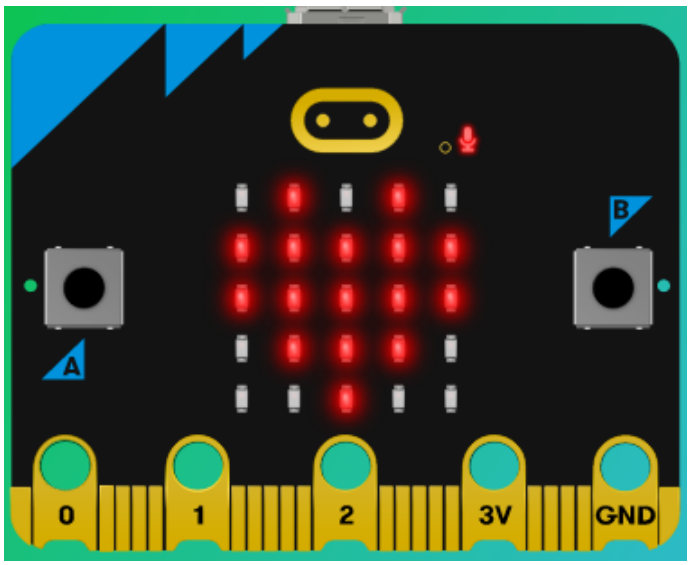
1. What exactly is Microbit?

A. It is a small portable board, which can be programmed by a compute.
B. It is a little cell phone.
C. It is a computer game!
D. It is an electronic maze.

2. **Why** we should use Microbit as students?

A. Because it is the best electronic device that has ever been made.
B. Because in that way we customize, control, and "bring to life" digital ideas and games.
C. Because microbit is a robot with artificial intelligence.

3. Which are the labels of Large Pins in microbit? (General Pins Input Output)



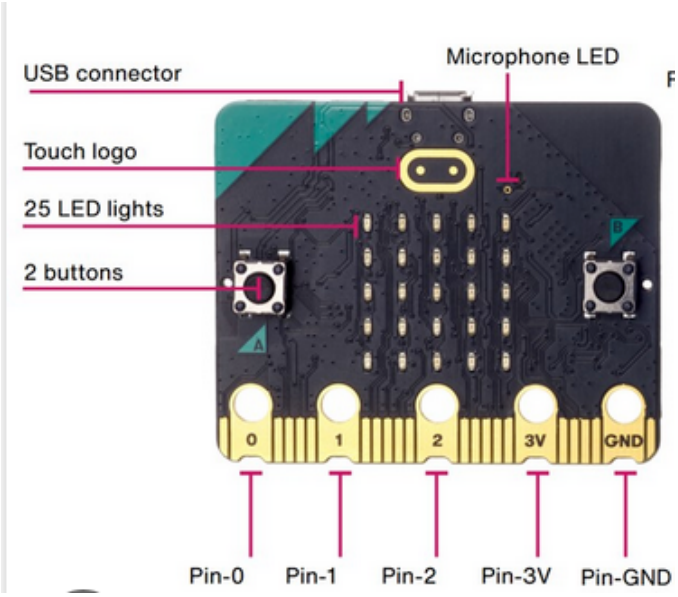
A. The two large pins (labeled 3V and GND)

B. Only the 2nd terminal (labeled 2) and 3rd terminal (labeled 3V)

C. The terminal labeled 0 and the other large pin labeled GND

D. The first three terminals, labeled 0, 1 and 2.

4. The power terminal labeled 3V can be used as an output or input? (with a voltage of 3V)



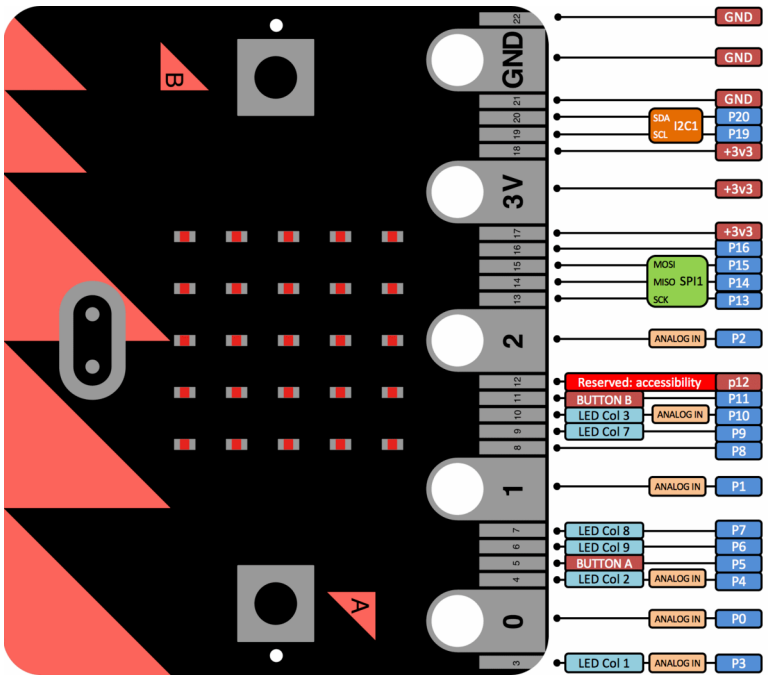
A. As an output: If the micro:bit is powered by USB or battery, then you can use the 3V pin,you can use the 3V pin as a power output to power peripherals. to power peripherals.

B. As ground: to complete a circuit

C. As input: If the micro:bit is powered by USB or battery,

D. As an output: If the micro:bit is NOT powered by USB or battery, then you can use the 3V pin, to power peripherals.

5. Which two terminals, must never be connect together?



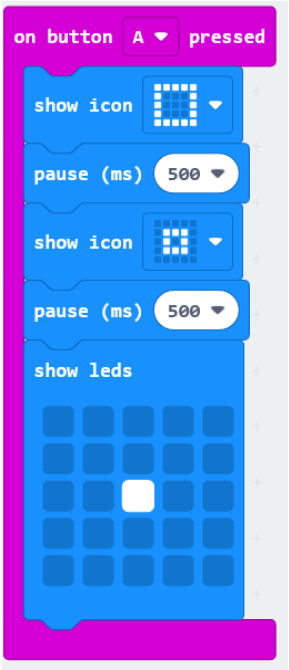
A. The pins labeled 3V and GND are related to the board's power supply and should NEVER be connected together.

B. The **Large PINs** should not never be connected with **Power Terminals.**

C. You must not connect together terminals 0 and 3V

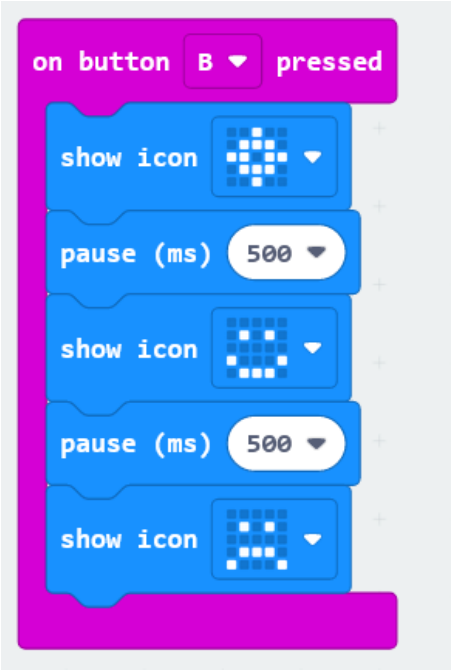
D. The pins labeled 0 and 1 are the Large Pins, often called "general purpose input and output"and should never connect together.

6. Sequential structure Part 1: What appears on led screen if button A is pressed?



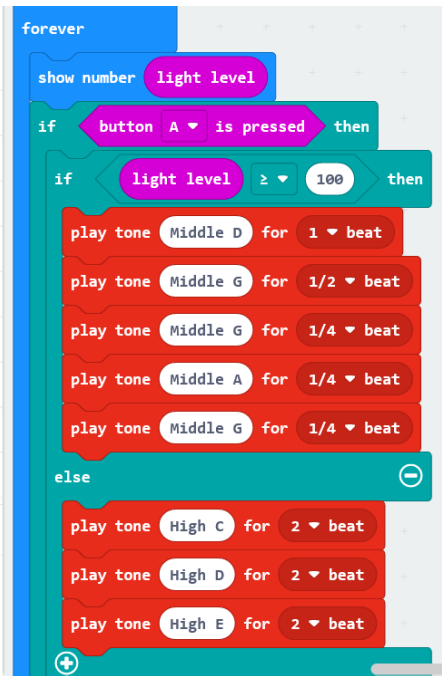
A. Only a little dot appears at the middle of the screen
B. Only a square appears at the corners of the screen
C. A little square appears and dissappears after 500ms
D. A square appears, then a smaller square.. and finally a dot.

7. Sequential structure Part 2: What appears on led screen if button B is pressed?



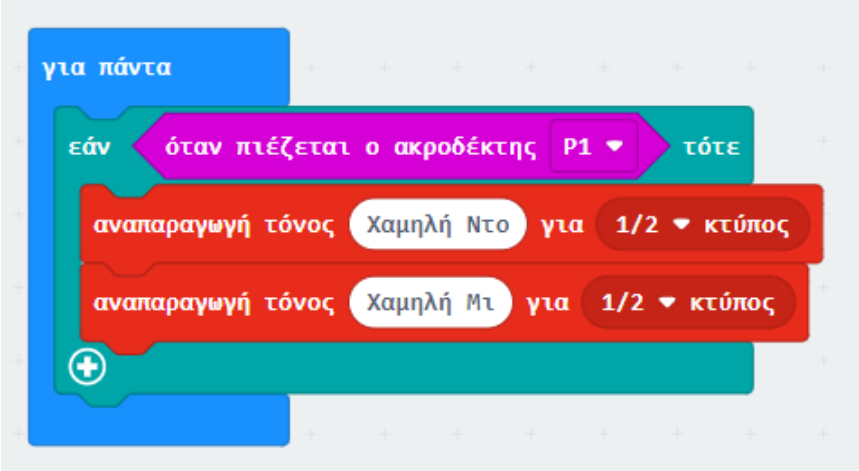
A. Only a rhombus appears on screen
B. A little smile appears on screen
C. A rhombus appears, then a smile and finally a sad face.
D. A rhombus appears, then a smile appears after 3 seconds and finally a sad face,

8. When microbit plays C,D,E tone?



A. When button A is pressed and light level is >100
B. When button A is pressed and light level <100
C. When button A is pressed and light level=100
D. When button B is pressed

9. Look at the following code , regarding Pin 1



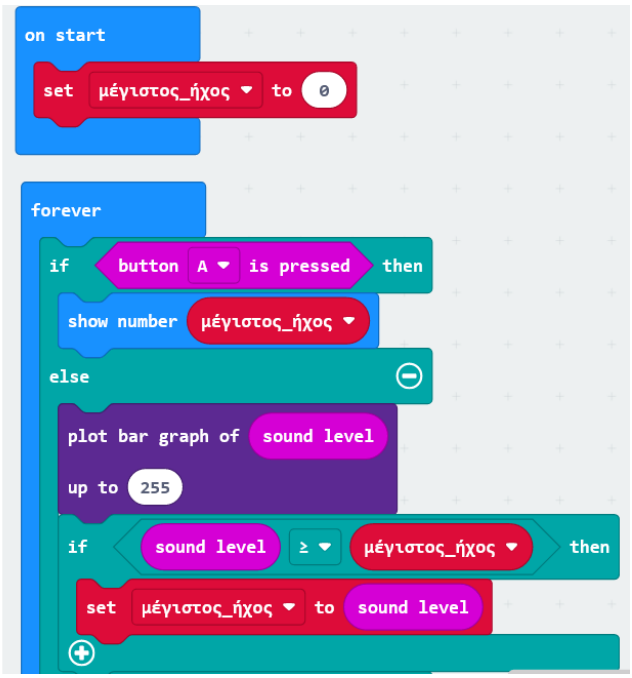
A. Microbit reproduces 2 musical notes, if pin1 is pressed for 2 seconds.

B. Microbit reproduces 2 musical notes, if pin1 is pressed, forever.

C. Microbit reproduces 4 musical notes, if pin1 is pressed.

D. Microbit reproduces 2 musical notes , if pin2 is pressed,

10. Microbit gets as an input, sound levels from the environment and...



A. when variable "sound level" is equal to the maximum level of sound ,then show on microbit led screen , the average of sound level values

B. when variable "sound level" is greater to the present level of sound (named as "max sound" or "μέγιστος ήχος") ,then show on led screen the maximum value of sound.

C. when variable "sound level" is equal to the maximum level of sound ,then microbit reproduces a melody

D. when variable "sound level" is equal to the minimum level of sound ,then show on led screen this value