Plenary – answers

Q1. How many programmable LEDs are on a micro:bit?

1. 5
2. 100
3. **25**
4. 26

Q2. How do you define a function called bargraph()

1. define bargraph()
2. call bargraph()
3. def bar graph
4. **def bargraph()**

Q3. How are the pins on the micro:bit labelled?

1. 1,2,3
2. **0,1,2**
3. a,b,c
4. 0,1,2,3,4

Q4. Which one of the following statements is true?

1. **The microphone sensor turns sounds into an electrical signal**
2. The LED display on the micro:bit starts at (1,0)
3. The highest y value on the micro:bit is 10
4. The whisp-o-meter program only uses with built-in functions

Q5. What would be the output for this:

for x in range(1):

print(x)

1. 1
2. 0

1

1. 1

2

1. **0**

Q6. What does this code do - display.clear()?

1. **Clears the LED screen**
2. Sets the brightness of the LEDs to 1
3. Re-starts the program
4. Disconnects the micro:bit

Q7. What are the parameters used with this function, display.set\_pixel()?

1. Lower, upper, step
2. **x,y,value**
3. value
4. y,x,value

Q8. Where is (0,0) on the micro:bit (if bottom left is at pin 0)?

1. **Top left**
2. Top right
3. Centre
4. Bottom left

Q9. Which type of loops were in the fan program?

1. **While, for**
2. If, elif
3. while, if, elif
4. none

Q10. Which sensors are on the Monkmakes sensor board?

1. Light
2. Temperature
3. Microphone
4. **Light, Temperature and Microphone**