

SOLVED WORKSHEET

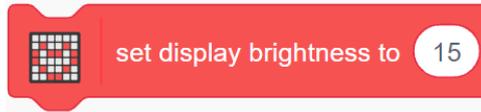


SESSION 9

Traffic Lights with Quarky

This worksheet belongs to _____

1. What is the brightness range of the **block-**



- a) 0 to 50
- b) 0 to 1000
- c) 0 to 30
- d) 0 to 100

Answer: d)

1 Point

2. You can display only numbers and hearts on the LED matrix of Quarky.

- a) True
- b) False

Answer: b)

1 Point

3. Match the following- Match the **traffic lights color** to the **traffic lights function**:

	Traffic Lights Color		Traffic Lights Function
(i)	No lights	a)	Stop
(ii)	Red light	b)	Look
(iii)	Green light	c)	default
(iv)	Yellow light	d)	Go

Answer: (i) c (ii) a (iii) d (iv) b

2 Points

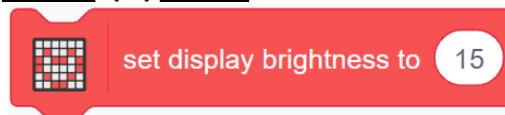
4. Re-order the following steps to duplicate a block of code:

- a) Press on the **duplicate** option.
- b) Right-click on the block of code you want to duplicate.
- c) Drag the **duplicated block** to its appropriate position.
- d) A **duplicated block** will appear.

Answer: (i) b (ii) a (iii) d (iv) c

4 Points

5. Explain, what does the **block-**



does?

Answer:

This block sets the brightness of the LED lights of quarky to the level we specify, in the space given.

The value of the display brightness can be between 0 to 100, with 0 being the darkest and 100 being

the brightest.

2 Points