

PREDICT ANSWERS

Any answer that suggests that the lights/icons or heart will flash on and off (1 mark)

No marks if you just write out the code or a planning algorithm

INVESTIGATE ANSWERS

A, What button starts showing a flashing heart?

ANSWER B (1 Mark)

B, How many times will the heart be shown on the screen?

ANSWER 7 (1 Mark)

C, How many times will pause (ms) 100 be run once the button is pressed. ANSWER 14 (1 Mark)

D, How many times is the code inside the green repeat block run?

ANSWER 5 (1 Mark)

E, What happens once the repeat loop is finished?

ANSWER Clear Screen (1 Mark)

MODIFY ANSWERS

A, Can you make the arrows change faster? What did you change?

ANSWER Make the pause less than 200 ms (1 Mark)

ANSWER Any answer under 200 ms (1 Mark)

B, Can you make the hearts flash 20 times when button B is pressed?

ANSWER Change repeat 7 to repeat 20 (1 Mark)

C, Can you change the hearts to another icon? What did you change it to? ANSWER Any picture or description of an icon (1 Mark)

Count-controlled loops

PRIMM



PRIMM LITEBYTE PLANNING BY PHIL BAGGE