APPENDIX Task 3: Template

ROUND 1

First pixel: row 2, column 3, RGB values: (250, 156, 24). We are going to extract the hidden colour values using conversion to binary.

RED: 250 is xxxxx in binary

The four least significant digits are xxxx.

We use these are the leading digits of the hidden colour value: xxxxx

We then convert xxxxx  to decimal, which gives us xxx. And so, the hidden value for red is xxx.

GREEN: 156 is xxxxxxx in binary

The least significant digits are xxxx.

The hidden colour value is ....

Convert.... to decimal:..... The hidden value for GREEN is .....

BLUE: 24 is ..... in binary

The least significant digits are .....

The hidden colour value is ......

Convert .... to decimal: 128. The hidden value for BLUE is 128.

The hidden colour value is RGB 160, 192, 128.

ROUND 2

Second pixel: row 2, column 3, RGB values: (250, 156, 24). We are going to extract the hidden colour values using conversion to hexadecimal.

RED: 250 is xxxxx in hexadecimal

The  least significant digit is X.

We use these are the leading digits of the hidden colour value: XX

We then convert XX  to decimal, which gives us xxx. And so, the hidden value for red is xxx.

GREEN: ....

BLUE: ...

The hidden colour value is RGB xx,xx,xx.

ROUND 3

.....

...

Third pixel:

....

Fourth pixel:

....

EXPLANATION OF METHOD USED IN ROUND 3

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RESULTS FROM MY IMAGE

My initial image and colour values:

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| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |

Hidden image colours values and image:

|  |  |  |  |
| --- | --- | --- | --- |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |
| 123  123  123 | 123  123  123 | 123  123  123 | 123  123  123 |

|  |  |  |  |
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|  |  |  |  |

Corresponding Letter: A

RESULTS FROM ALL IMAGES

Letters in order:

A,F,T,E,R,N,O,O,N,2,4

Comments……..

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