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| **Week** | **Topic** | **Grade** | **Criteria** |
| **17** | Modelling Circuits | C | Have you derived a matrix for a half-adder? Have you correctly applied the matrix methods for constructing sequential and parallel circuits? Have you explained/justiﬁed/proved your derivation? Have you tested it on (matrix representations of) various inputs? |
| **20** | Quantum Computing | A | Have you fully analysed the values that will appear at points A, B, and C in the circuit? Have you discussed the relationship between the values appearing at A and C? Have you considered what the implications of a purely probabilistic model would be for maintaining this relationship? |

Week 17:

I feel I have completed the task using MATLAB, showing my workings out, however I could have gone into more detail of how it worked and done more testing.

Week 20:

I have shown the values at point A, B and C, I have discussed the relationship between the values A and C which is they are the same and I have shown why this is more accurate than a probability model due to loss of data.