1. Decode this message by converting it from binary to ASCII: 1000001 1110000 1110000 0100000 1001001 1101110 1110110 1100101 1101110 1110100 1101111 1110010 0100000 1010010 1001111 1000011 1001011 1010011 0100001 *Hint: You will need to convert from binary to decimal and then from decimal to ASCII. You can use this chart to help you:* [*http://sticksandstones.kstrom.com/appen.html*](http://sticksandstones.kstrom.com/appen.html)
2. Describe what it means to say that [JPEG](http://en.wikipedia.org/wiki/JPEG) is a lossy compression technique and whether or not it affects the quality of camera pictures.
3. Give a specific example of a binary sequence that can represent more than one type of data -- e.g., a number, a color, a character -- and describe how to interpret its different values.

**Portfolio Reflection Questions**

**Make a copy** of this document in your Portfolio Assignments folder and answer these questions in the spaces below. Once complete, turn in this assignment according to the steps given by your teacher.

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| --- | --- | --- | --- |
| [3.3 Representing Images Curriculum Page](https://course.mobilecsp.org/mobilecsp/unit?unit=22&lesson=34)  Answer the following questions:  Decode this message by converting it from binary to ASCII: 1000001 1110000 1110000 0100000 1001001 1101110 1110110 1100101 1101110 1110100 1101111 1110010 0100000 1010010 1001111 1000011 1001011 1010011 0100001  *Hint: You will need to convert from binary to decimal and then from decimal to ASCII. You can use this chart to help you:* [*http://sticksandstones.kstrom.com/appen.html*](http://sticksandstones.kstrom.com/appen.html)  **Answer**   |  | | --- | |  |   Describe what it means to say that [JPEG](http://en.wikipedia.org/wiki/JPEG) is a lossy compression technique and whether or not it affects the quality of camera pictures.  **Answer**   |  | | --- | |  |   Give a specific example of a binary sequence that can represent more than one type of data -- e.g., a number, a color, a character -- and describe how to interpret its different values.  **Answer**   |  | | --- | |  | |