Answer the following questions:

Decode this message by converting it from binary to ASCII: 1110000 1110000 0100000 1001001 1101110 1110110 1100101 1101110 1110100 1101111 1110010 0100000 1010010 1001111 1000011 1001011 1010011 0100001

You can use this chart to help you: [ASCII Conversion Chart](https://docs.google.com/document/d/1Q4NinpY_-BLSjh9RVO1bD4apZYs4W93WbpX_nbas1Ec/edit#heading=h.6e2ngjbac86z)

**Answer**

|  |
| --- |
| **App Inventor ROCKS!** |

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**

|  |
| --- |
| **When a JPEG has lossy compression it means that when it is created bits are gotten rid of to reduce space. This loses quality in pictures because certain bits are missing** |

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**

|  |
| --- |
| 1110000 This binary sequence could be the letter A or it could be the number 112 |