### STUDENT WORKSHEET

Decoding Space Images

Worksheet I: Simple Black and White Images

Decode the sequences by coloring each pixel in the bitmap below according to the binary code provided. Use white for 1 and black for 0. Note that each sequence corresponds to a row in the bitmap.

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1000111111

1000111111

1101111101

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Now, encode the bitmap below by writing out the binary code sequences needed to create the bitmap. Again, use 1 for white and 0 for black.

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