

### Data Types Practice

1. Write a program that will convert the following sequence of binary numbers (of type string) to letters. That is, Convert 8 bits a time and match the number to the ASCII chart.

0100001001001111010011110101100101000001010010000100001

**Hint:**

- *Ensure that the string is divisible by 8 bits, add '0's to beginning of the string until the number is divisible by 8*
- *Convert each 8 bit segment to an integer value number*
- *Convert each decimal number to an ASCII value*