1. Remove duplicate characters from a string. (Score 3)

   Examples
   "hello" → "helo"

   "Bridgeon" → "Bridgeon"

   "aabbcc" → "abc"

2. Create a function and return the middle character (or characters) of a given string. If the word's length is odd, return the middle character. If the word's length is even, return the middle two characters. (Score 2)

   Examples
   middleChar("ABC") → "B"

   middleChar("Bridgeon") → "dg"

   middleChar("middle") → "dd"

3. You're given a string of words. You need to find the word "Bridgeon", and return a string like this: "I found Bridgeon at [the order of the word you find Bridgeon]". (Score 3)

   Examples
   "Bridgeon is good" → "I found Bridgeon at 1"

   "I am finding Bridgeon" → "I found Bridgeon at 4"

   "We are Bridgeon" → "I found Bridgeon at 3"

4. Write a program to print the following number pyramid pattern. (score 2)

   ```
     1
    2 3 4
   5 6 7 8 9
   ```