CS250 Review for Exam 2

I would like to introduce the following string class.

```
class Strng
{
  private:
      char stringData[256];
      int length;
  public:
      Strng ();
      void assign (const char *);
      void concatenate (const char *);
      int length (void);
      void print (void);
};
```

With this string class the data is held in the private member **stringData** of the class and the length (not including the null termination) of the string is maintained in the private member **length**. You are to write the C++ code for each of the following methods:

a) assign - this method accepts a null terminated string and copies the contents of the argument into **stringData** and updates the **length** accordingly.

b) concatenate - this method accepts a null terminated string and copies the contents of the argument to the end of **stringData** making one concatenated string and updates the **length** accordingly.

For this problem, assume that the Strng class from problem 3) is fully implemented.

```
class WordList
{
  private:
      Strng cWordList[100];
      int numberOfWords;
  public:
      WordList (void);
      void addToList (const char *);
      void printList ();
      void getWord (char *);
};
```

a) Write the C++ code for the method **printList** which prints out all of the words in **cWordList**.

b) Write the C++ code for the method **addToList** that adds the string passed to the method to the next available location in **cWordList**. If the word list is full, then print a message "Cannot add the word" and exit.