Homework 9 - CSE 283
Due: 11:59PM, April 7 (Friday)

Implement a container class called bag, which has the following characteristics:
a. It is generic and uses a template.
b. It provides dynamic linear ordering.
c. It can be accessed by index.
d. It can add to back.
e. It can remove from back.
f. It can show all its content (if objects it contains are properly implemented).
g. It supports clear function (i.e., empty the container).
h. it returns size, front, back.
i. it support element print and bag print (e.g., cout << bag5[6]; bag5.print())

You need to provide proper tests for your implementation. You tests should include
objects of type int, double, three_D, linked_list, string

Zip your design file, source code file test, results file, and discussion file together.
Submit the zipped file using Blackboard.