Clicker Questions

- **Question 1**: What is the output of **p1.cpp** when it runs with **input-1.txt** as standard input?

- **Question 2**: What is the output of **p2.cpp** when it runs with **input-2.txt** as standard input?

input-1.txt	p1.cpp	p2.cpp

Samuel
Amelia
Lucas
Ian
Cole
Brooke
Bailey
Lucas
Charlie
Samuel
 	
input-2.txt
 	
Gabriel
Wyatt
Eva
Lily
Sarah
Benjamin
Nicholas
Michael
Landon
Madelyn
	<pre>#include <set>
	#include <iostream>
	using namespace std;
	
	int main()
	{
	  set <string> n;
	  set <string>::const_iterator nit;
	  string s;
	
	  while (cin >> s) n.insert(s);
	  for (nit = n.begin(); nit != n.end(); nit++) {
	    cout << nit->at(0) ;
	  }
	  cout << endl;
	  return 0;
	}</pre>
		<pre>#include <set>
		#include <iostream>
		using namespace std;
		
		int main()
		{
		  set <string> n;
		  set <string>::const_iterator nit;
		  string s;
		
		  while (cin >> s) n.insert(s);
		  for (nit = n.begin(); nit != n.end(); nit++) {
		    cout << nit->at(0) ;
		    nit++;
		  }
		  cout << endl;
		  return 0;
		}</pre>

Answers to Clicker Questions

Question 1

Remember that you don't insert duplicate elements into a set.

```
UNIX> g++ p1.cpp
UNIX> ./a.out < input-1.txt
ABBCCILS
UNIX>
```

Question 2

```
UNIX> g++ p2.cpp
UNIX> ./a.out < input-2.txt
BGLMS
UNIX>
```