sample.cpp Page 1

```
#include <iostream>
#include <random>
#include <string>
#include <iterator>
#include <algorithm>

using namespace std;

int main() {

   string pop = "abcdefghijklmnopqrstuvwxyz";
   string select;

   mt19937 rng {random_device{}()};

   sample(begin(pop), end(pop), back_inserter<string>(select), 5, rng);
   cout << "Selected: " << select << "\n";
   return 0;
}</pre>
```