Stream Exercise

Stream Exercise

Write a function `rev_out` (see template below) which outputs the contents of an `istream` in reverse order using recursion.

```
#include <iostream>
#include <sstream>

// POST: output the content of is in reverse order to
//       std::cout, and removed it from is.
void rev_out (std::istream& is)
{
  // your code
}

int main () {
  std::stringstream input ("abcdefghijklmno");
  rev_out (input);
  return 0;
}
```

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Other solutions are of course also possible.

```
#include <iostream>
#include <sstream>

// POST: output the content of is in reverse order to
//       std::cout, and removed it from is.
void rev_out (std::istream& is)
{
  char val;
  if (is >> val) {
    rev_out(is);
    std::cout << val;
  }
}

int main () {
  std::stringstream input ("abcdefghijklmno");
  rev_out (input);
  return 0;
}
```