$CSc\ 116\ A02-\ Fall\ 2018$

Name:

Student Number:

```
What is the output of the syntactically correct C++ program below?
#include <iostream>
class Widget {
public:
  Widget()
    { std::cout << "Make widget" << std::endl; }
  ~Widget()
    { std::cout << "Clear widget" << std::endl; }
};
class Window {
public:
 Window()
    { std::cout << "Make window" << std::endl; }
  ~Window()
    { std::cout << "Clear window" << std::endl; }
private:
 Widget mWidget;
};
```

```
int main() {
  std::cout << "Begin" << std::endl;
  Window w;
  std::cout << "End" << std::endl;
  return 0;
}</pre>
```

Output: Begin Make widget Make window End Clear window Clear widget