

**segfault.cpp**

```
1  /**
2   * Program to generate a segmentation fault. If you compile and
3   * run this without a segfault, you're not seeing everything you should
4   * @author Jon Beck
5   * @version 14 January 2020
6   */
7
8  #include <iostream>
9  using namespace std;
10
11  int main()
12  {
13      int* pointer = nullptr;
14      cout << "The value of pointer is: " << pointer << endl;
15      *pointer = 1;
16
17      return 0;
18  }
```