Input File (resources.txt):

```
E resources.txt
  1    ALLOCATED
  2    0, 1, 0
  3    2, 0, 0
  4    3, 0, 2
  5    2, 2, 1
  6    0, 0, 2
  7    END
  8
  9    MAX
 10    7, 5, 3
 11    3, 3, 2
 12    9, 0, 2
 13    2, 2, 2
 14    4, 3, 3
 15    END
 16
 17    AVAILABLE
 18    3, 2, 2
```

Program Compilation:

```
shady@Ubuntu:~/Desktop/Homework2$ g++ bankers_alg.cpp -o bankers_alg
shady@Ubuntu:~/Desktop/Homework2$ ./bankers_alg
Enter the resource file name
> resources.txt
The Saftey Sequence:
P3 -> P4 -> P1 -> P2 -> P0
```