Northern Michigan University (Marquette Co, MI)

CS344-01-26F: iOS / iPhone Programming (Andrew A. Poe) Name: _____
Quiz 6 Friday 23 October 2026 2:00 P.M. EDT

Time: 15 minutes.

Write Swift code for the following method:

func UpsideDown (_ M:[[Int]]) -> [[Int]])

This builds and returns a matrix that is a 180 degree rotation of the original matrix

For example, if M were

1	2	3	4
5	6	7	8
9	10	11	12

The returned matrix would be

12	11	10	9
8	7	6	5
4	3	2	1

```
func UpsideDown (_ M:[[Int]]) -> [[Int]]) {

 var R:[[Int]] = []
 for r in M.reversed() {
  var row:[Int] = []
  for c in r.reversed() {
   row.append (c)
  }
  R.append (row)
 }
 return R
}
```