

What is the worst case time complexity of the following code:

```
int findMinPath(vector<vector<int> > &V, int r, int c) {  
    int R = V.size();  
    int C = V[0].size();  
    if (r >= R || c >= C) return 100000000; // Infinity  
    if (r == R - 1 && c == C - 1) return 0;  
    return V[r][c] + min(findMinPath(V, r + 1, c), findMinPath(V, r, c + 1));  
}
```

Assume $R = V.size()$ and $C = V[0].size()$.