|  |  |  |
| --- | --- | --- |
| Activitate | Durata executie | Activitati precedente |
| A | 2 | - |
| B | 3 | - |
| C | 5 | B |
| D | 3 | A |
| E | 3 | A |
| F | 3 | C,D,E |
| G | 2 | C |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Iteration in function used by algorithm | Visited | Tp\_list | V  (current vertex) | neighbor |
|  | [False,..,False] \_\_len\_\_ = 9 | [] | X |  |
| 1 |  |  |  | A |
| 2 |  |  | A | D |
| 3 |  |  | D | F |
| 4 |  |  | F | Y |
| 5 | [..,False,True] | [Y] | Y |  |
| 4(r) | [..True,False,True] | [Y,F] | F |  |
| 3(r) | [..True,False,T,F,T] | [Y,F,D] | D |  |
| 2(r) |  |  | A | E |
| 6 | [..F,T,T,T,F,T] | [Y,F,D,E] | E | F |
| 2(r) | [F,T,..,F,T,T,T,F,T] | [Y,F,D,E,A] | A |  |
| 1(r) |  |  | X | B |
| 7 |  |  | B | C |
| 8 |  |  | C | F |
| 9 |  |  | F | G |
| 10 |  |  | G | Y |
| 11 |  |  | Y |  |
| 10(r) | [F,T,..,T,T,T,T,T] | [Y,F,D,E,A,G] | G |  |
| 8(r) | [F,T,F,T,..] | [Y,F,D,E,A,G,C] | C |  |
| 7(r) | [F,T,T,..] | [Y,F,D,E,A,G,C,B] | B |  |
| 1(r) | [T,T,..] | [Y,F,D,E,A,G,C,B,X] | X |  |

Notes:

1. (r) – recursive return in function
2. The end result of topological list is [X,B,C,G,A,E,D,F,Y] (because the method used was `append` which added to the end of the list instead of in the beginning as it was supposed to)