9.3 ¿Qué devuelve cada llamada removeMin dentro de la siguiente secuencia de prioridad?

cola de operaciones ADT: insert(5, A), insert(4, B), insert(7, F), insert(1, D),

removeMin( ), insert(3, J), insert(6, L), removeMin( ),

removeMin( ), insert(8, G), removeMin( ), insert(2, H), removeMin( ),

removeMin( )?

|  |  |  |
| --- | --- | --- |
| **Metodo** | **Return Value** | **Priority Queue** |
| Insert (5,A) |  | {(5,A)} |
| insert(4, B) |  | {(4,B), (5,A)} |
| insert(7,F) |  | {(4,B), (5,A), (7,F)} |
| insert(1,D) |  | {(1,D), (4,B), (5,A), (7,F)} |
| removeMin( ) | (1,D) | {(4,B), (5,A), (7,F)} |
| insert(3,J) |  | {(3,J), (4,B), (5,A), (7,F)} |
| insert(6,L) |  | {(3,J), (4,B), (5,A), (6,L), (7,F)} |
| removeMin( ) | (3,J) | {(4,B), (5,A), (6,L), (7,F)} |
| removeMin( ) | (4,B) | {(5,A), (6,L), (7,F)} |
| insert(8,G) |  | {(5,A), (6,L), (7,F), (8,G)} |
| removeMin( ) | (5,A) | {(6,L), (7,F), (8,G)} |
| insert(2,H) |  | {(2,H), (6,L), (7,F), (8,G)} |
| removeMin( ) | (2,H) | {(6,L), (7,F), (8,G)} |
| removeMin( ) | (6,L) | {(7,F), (8,G)} |