|  |  |  |
| --- | --- | --- |
| FUNCTION | CONTENTS | RETURN VALUE |
| isEmpty() | {} | true |
| put(5,X) | { (5, X) } | null |
| put(7,F) | {(5,X),(7,F)} | null |
| put(2,C) | {(2,C), (5,X),(7,F)} | null |
| put(8,D) | {(2,C), (5,X),(7,F),(8,D)} | null |
| put(2,E) | {(2,E), (5,X),(7,F),(8,D)} | C |
| get(7) | {(2,E), (5,X),(7,F),(8,D)} | F |
| put(7,Y) | {(2,E), (5,X),(7,Y),(8,D)} | F |
| get(4) | {(2,E), (5,X),(7,Y),(8,D)} | null |
| put(4,X) | {(2,E),(4, X),(5,X),(7,Y),(8,D)} | null |
| get(4) | {(2,E),(4, X),(5,X),(7,Y),(8,D)} | X |
| size() | {(2,E),(4, X),(5,X),(7,Y),(8,D)}  {1 2 3 4 5} | 5 |
| remove(5) | {(2,E),(4, X),(7,Y),(8,D)} | X |
| isEmpty() | {(2,E),(4, X),(7,Y),(8,D)} | false |
| size() | {(2,E),(4, X),(7,Y),(8,D)}  {1 2 3 4} | 4 |