

**Prefilling**

- Insert 32.

|   |   |   |   |   |   |   |   |    |   |    |    |    |
|---|---|---|---|---|---|---|---|----|---|----|----|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9 | 10 | 11 | 12 |
|   |   |   |   |   |   |   |   | 32 |   |    |    |    |

Probing Sequence: 8.

- Insert 19.

|   |   |   |   |   |   |   |    |    |   |    |    |    |
|---|---|---|---|---|---|---|----|----|---|----|----|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7  | 8  | 9 | 10 | 11 | 12 |
|   |   |   |   |   |   |   | 19 | 32 |   |    |    |    |

Probing Sequence: 7.

- Insert 24.

|    |   |   |   |   |   |   |    |    |   |    |    |    |
|----|---|---|---|---|---|---|----|----|---|----|----|----|
| 0  | 1 | 2 | 3 | 4 | 5 | 6 | 7  | 8  | 9 | 10 | 11 | 12 |
| 24 |   |   |   |   |   |   | 19 | 32 |   |    |    |    |

Probing Sequence: 0.

- Insert 39.

|    |   |   |    |   |   |   |    |    |   |    |    |    |
|----|---|---|----|---|---|---|----|----|---|----|----|----|
| 0  | 1 | 2 | 3  | 4 | 5 | 6 | 7  | 8  | 9 | 10 | 11 | 12 |
| 24 |   |   | 39 |   |   |   | 19 | 32 |   |    |    |    |

Probing Sequence: 3.

- Insert 27.

|    |   |   |    |   |   |   |    |    |    |    |    |    |
|----|---|---|----|---|---|---|----|----|----|----|----|----|
| 0  | 1 | 2 | 3  | 4 | 5 | 6 | 7  | 8  | 9  | 10 | 11 | 12 |
| 24 |   |   | 39 |   |   |   | 19 | 32 | 27 |    |    |    |

Probing Sequence: 3, 9.

- Insert 7. (Begin of student ID insertion, 751.)

|    |   |   |    |   |   |   |    |    |    |    |    |    |
|----|---|---|----|---|---|---|----|----|----|----|----|----|
| 0  | 1 | 2 | 3  | 4 | 5 | 6 | 7  | 8  | 9  | 10 | 11 | 12 |
| 24 |   |   | 39 |   |   |   | 19 | 32 | 27 |    | 7  |    |

Probing Sequence: 7, 3, 11.

- Insert 5.

|    |   |   |    |   |   |   |    |    |    |    |    |    |
|----|---|---|----|---|---|---|----|----|----|----|----|----|
| 0  | 1 | 2 | 3  | 4 | 5 | 6 | 7  | 8  | 9  | 10 | 11 | 12 |
| 24 |   |   | 39 |   | 5 |   | 19 | 32 | 27 |    | 7  |    |

Probing Sequence: 5.

- Insert 1.

|    |   |   |    |   |   |   |    |    |    |    |    |    |
|----|---|---|----|---|---|---|----|----|----|----|----|----|
| 0  | 1 | 2 | 3  | 4 | 5 | 6 | 7  | 8  | 9  | 10 | 11 | 12 |
| 24 | 1 |   | 39 |   | 5 |   | 19 | 32 | 27 |    | 7  |    |

Probing Sequence: 1.