**CS 5012: Linear Probing In-Class Activity**

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1. 18 %% 13 == 5
2. 41 %% 13 == 2
3. 22 %% 13 == 9
4. 44 %% 13 == 5, but 5 is already taken so 44 is placed in 6
5. 59 %% 13 == 7
6. 32 %% 13 == 6, but 6 is taken, and 7 is taken, so 32 is placed in 8
7. 31 %% 13 == 5, but 5 is taken, and 6 is taken and 7 is taken, and 8 is taken, and 9 is taken, so 31 is placed in 10
8. 73 %% 13 == 8, but 8 is taken, and 9 is taken, and 10 is taken, so 73 is placed in 11

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 41 |  |  | 18 | 44 | 59 | 32 | 22 | 31 | 73 |  |
| **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |