HASHING

IBM18CS148
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Quadratic Probing :

```
void hashing (int table [], int size, int arr[]
                    int N)
{
    for (int i = 0; i < n; i++)
    {
        int hv = arr[i] % tsize;
        if (table[hv] == -1)
            table[hv] = arr[i]

        else
        { for(int j=0; j < tsize; j++)
          {
            int t = (hv + j*j) % tsize;
            if (table[t] == -1)
            {
                table[t] = arr[i];
                break;
            }
          }
        }
    }
}
```