

1. Declare and initialize two arrays. Merge those two arrays. Print the merged array after deleting the duplicates in the array.
2. Print the following pattern

```

* * * * * * * * * *
* * * *      * * * *
* * *      * * *
* *      * *
*      *
*      *
* *      * *
* * *      * * *
* * * *      * * * *
* * * * * * * * * *

```

3. Print the following pattern

```

      *
    * * *
  *   *   *
 *     *     *
* * * * * * * * *
 *     *     *
  *   *   *
    * * *
      *

```

4. Print the following pattern

```

* * * * * * * * * *
* * * *      * * * *
* * *      * * *
* *      * *
*      *
*      *
* *      * *
* * *      * * *
* * * *      * * * *
* * * * * * * * * *

```

5. Print the following

```

*               *
* *           * *
* * *       * * *
* * * *   * * * *
* * * * * * * * *
* * * * * * * * *
* * * *   * * * *
* * *       * * *
* *           * *
*               *
```