

Extra pattern printing questions

- Write a program to print the following pattern

```

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

```

- Write a program to print the following pattern

```

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

```

- Write a program that takes N input from the user and prints a hollow square of N² units, Assume N>2

N = 5

```

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

```

N = 3

```

* * *
*   *
* * *

```

- Modify the above code to work for hollow triangles instead

N =3

```

*
* *

```

N = 6

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

5. For N>2 taken from the user, print the corresponding pattern for letter Z

N = 3

```
***
```

```
 *
```

```
 *
```

```
***
```

N= 4

```
****
```

```
 *
```

```
 *
```

```
 *
```

```
****
```