

```
In [1]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print("*      *")
    elif a==3:
        print("*****")
    elif a==4:
        print("*      *")
    elif a==5:
        print("*      *")
    a=a+1
```

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

```
In [3]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print("*      *")
    elif a==3:
        print("****")
    elif a==4:
        print("*      *")
    elif a==5:
        print("*****")
    a=a+1
```

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

```
In [6]: a=1
while a<=5:
    if a==1:
        print("  ***")
    elif a==2:
        print(" *")
    elif a==3:
        print(" *")
    elif a==4:
        print(" *")
    elif a==5:
        print("  ***")
    a=a+1
```

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

```
In [8]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print(" *      *")
    elif a==3:
        print(" *      *")
    elif a==4:
        print(" *      *")
    elif a==5:
        print("*****")
    a=a+1
```

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

```
In [9]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print("*      ")
    elif a==3:
        print("*****")
    elif a==4:
        print("*      ")
    elif a==5:
        print("*****")
    a=a+1
```

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

```
In [10]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print("*      ")
    elif a==3:
        print("*****")
    elif a==4:
        print("*      ")
    elif a==5:
        print("*")
    a=a+1
```

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

```
In [17]: a=1
while a<=5:
    if a==1:
        print("    *****")
    elif a==2:
        print("    *    ")
    elif a==3:
        print("    *    ***")
    elif a==4:
        print("    *    *    *")
    elif a==5:
        print("    *****    *")
    a=a+1
```

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

```
In [18]: a=1
while a<=5:
    if a==1:
        print("*    *")
    elif a==2:
        print("*    *")
    elif a==3:
        print("*****")
    elif a==4:
        print("*    *")
    elif a==5:
        print("*    *")
    a=a+1
```

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

```
In [20]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print("  *  ")
    elif a==3:
        print("   * ")
    elif a==4:
        print("    * ")
    elif a==5:
        print("*****")
    a=a+1
```

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

```
In [22]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print("  *  ")
    elif a==3:
        print("   * ")
    elif a==4:
        print("  * * ")
    elif a==5:
        print("*****")
    a=a+1
```

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

```
In [23]: a=1
while a<=5:
    if a==1:
        print("*      *")
    elif a==2:
        print("*    *")
    elif a==3:
        print("***")
    elif a==4:
        print("*    *")
    elif a==5:
        print("*      *")
    a=a+1
```

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

```
In [24]: a=1
while a<=5:
    if a==1:
        print("*")
    elif a==2:
        print("*    ")
    elif a==3:
        print("*    ")
    elif a==4:
        print("*    ")
    elif a==5:
        print("*****")
    a=a+1
```

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

```
In [30]: a=1
while a<=5:
    if a==1:
        print("*      *")
    elif a==2:
        print("* * * *")
    elif a==3:
        print("* * *")
    elif a==4:
        print("*      *")
    elif a==5:
        print("*      *")
    a=a+1
```

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

```
In [32]: a=1
while a<=5:
    if a==1:
        print("*      *")
    elif a==2:
        print("* * * *")
    elif a==3:
        print("* * *")
    elif a==4:
        print("* * **")
    elif a==5:
        print("* * *")
    a=a+1
```

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

```
In [36]: a=1
while a<=7:
    if a==1:
        print("      *      ")
    elif a==2:
        print("     *      *")
    elif a==3:
        print("    *      *")
    elif a==4:
        print("   *      *")
    elif a==5:
        print("  *      *")
    elif a==6:
        print(" *      *")
    elif a==7:
        print("      *")

    a=a+1
```

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

```
In [39]: a=1
while a<=6:
    if a==1:
        print("****")
    elif a==2:
        print(" *  *")
    elif a==3:
        print(" *  *")
    elif a==4:
        print("****")
    elif a==5:
        print(" *      ")
    elif a==6:
        print(" *      ")

    a=a+1
```

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



```
In [40]: a=1
while a<=7:
    if a==1:
        print("      *   ")
    elif a==2:
        print("     *       *")
    elif a==3:
        print("    *           *")
    elif a==4:
        print("   *               *")
    elif a==5:
        print("  *                   *")
    elif a==6:
        print(" *                       *")
    elif a==7:
        print("*                           *")

    a=a+1
```

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

```
In [41]: a=1
while a<=7:
    if a==1:
        print("***** ")
    elif a==2:
        print(" *  *")
    elif a==3:
        print(" *  *")
    elif a==4:
        print(" ***")
    elif a==5:
        print(" *  *")
    elif a==6:
        print(" *  *")
    elif a==7:
        print(" *  *")

    a=a+1
```

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

```
In [48]: a=1
while a<=10:
    if a==1:
        print("   ***")
    elif a==2:
        print("  *")
    elif a==3:
        print(" *")
    elif a==4:
        print("*")
    elif a==5:
        print("   ***")
    elif a==6:
        print("    *")
    elif a==7:
        print("    *")
    elif a==8:
        print("    *")
    elif a==9:
        print("   ***")
    a=a+1
```

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

```
In [49]: a=1
while a<=5:
    if a==1:
        print("*****")
    elif a==2:
        print("  *  ")
    elif a==3:
        print("  *  ")
    elif a==4:
        print("  *  ")
    elif a==5:
        print("  *  ")
    a=a+1
```

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

```
In [55]: a=1
while a<=5:
    if a==1:
        print("*      *")
    elif a==2:
        print("*      *")
    elif a==3:
        print("*      *")
    elif a==4:
        print(" *****")

    a=a+1
```

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

```
In [59]: a=1
while a<=5:
    if a==1:
        print(" *          *")
    elif a==2:
        print("  *          *")
    elif a==3:
        print("   *          *")
    elif a==4:
        print("    *          *")
    elif a==5:
        print("     *          *")
    a=a+1
```

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

```
In [61]: a=1
while a<=5:
    if a==1:
        print(" *           *           * ")
    elif a==2:
        print("  *           * *           * ")
    elif a==3:
        print("   *           *   *           * ")
    elif a==4:
        print("    * *           *   *           ")
    elif a==5:
        print("     *           *           ")
    a=a+1
```

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

```
In [66]: a=1
while a<=5:
    if a==1:
        print(" * *")
    elif a==2:
        print(" * *")
    elif a==3:
        print(" * ")
    elif a==4:
        print(" * *")
    elif a==5:
        print(" * *")
    a=a+1
```

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

```
In [67]: a=1
while a<=5:
    if a==1:
        print("  *  ")
    elif a==2:
        print("   * ")
    elif a==3:
        print("    * ")
    elif a==4:
        print("   * ")
    elif a==5:
        print("  * ")
    a=a+1
```

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

```
In [68]: a=1
while a<=5:
    if a==1:
        print(" *****")
    elif a==2:
        print("      * ")
    elif a==3:
        print("      * ")
    elif a==4:
        print("      * ")
    elif a==5:
        print(" *****")
    a=a+1
```

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

In []: