

```
In [3]: x=0
while x<5:
    if x==0:
        print("   ***")
    elif x==1 or x==3 or x==2:
        print(" *   *")
    else:
        print("   ***   *")
    x=x+1
```

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

```
In [5]: x=0
while x<5:
    if x==0 or x==1:
        print("*")
    elif x==2 or x==4:
        print("* * *")
    else:
        print(" *   *")
    x=x+1
```

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

```
In [9]: x=0
while x<5:
    if x==0 or x==4:
        print(" * * *")
    else:
        print(" *   ")
    x=x+1
```

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

```
In [11]: x=0
while x<5:
    if x==0 or x==1:
        print("  *")
    elif x==2 or x==4:
        print("* * *")
    else:
        print("*      *")
    x=x+1
```

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

```
In [18]: x=0
while x<5:
    if x==0 or x==4:
        print("  * * *")
    elif x==1:
        print("   *   *")
    elif x==2:
        print(" * * *")

    else:
        print(" *      ")
    x=x+1
```

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

```
In [20]: x=0
while x<5:
    if x==0:
        print("  * * *")
    elif x==2:
        print("* * *")
    else:
        print("   *   ")
    x=x+1
```

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

```
In [28]: x=0
while x<5:
    if x==0 or x==2 or x==4:
        print("* * *")
    elif x==1:
        print("* *")
    else:
        print(" *")
    x=x+1
```

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

```
In [30]: x=0
while x<5:
    if x==0 or x==1:
        print("*")
    elif x==3 or x==4:
        print("* *")
    else:
        print("* * *")
    x=x+1
```

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

```
In [35]: x=0
while x<6:
    if x==0 or x==2 or x==3 or x==4 or x==5:
        print("*")
    else:
        print(" ")
    x=x+1
```

```
*

*
*
*
*
```

```
In [44]: x=0
while x<5:
    if x==0 or x==1 or x==2 :
        print("      *")
    elif x==3:
        print(" *      *")
    else:
        print(" * * * * ")
    x=x+1
```

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

```
In [45]: x=0
while x<5:
    if x==0 or x==4:
        print(" *      *")
    elif x==1 or x==3:
        print(" *      *")
    else:
        print(" * * * ")
    x=x+1
```

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

```
In [46]: x=0
while x<5:
    if x==0 or x==1 or x==2 or x==3 or x==4:
        print(" * * * ")
    x=x+1
```

```
*
*
*
*
*
```

```
In [48]: x=0
while x<5:
    if x==0:
        print(" *      * ")
    elif x==1 or x==2:
        print("* *      *")
    else:
        print("*          *")
    x=x+1
```

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

```
In [50]: x=0
while x<5:
    if x==0:
        print(" *      * ")
    else:
        print("*          *")
    x=x+1
```

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

```
In [52]: x=0
while x<5:
    if x==0 or x==4:
        print(" * *")
    else:
        print("*          *")
    x=x+1
```

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

```
In [53]: x=0
while x<5:
    if x==0 or x==2:
        print("* * ")
    elif x==1:
        print("* *")
    else:
        print("*")
    x=x+1
```

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

```
In [65]: x=0
while x<5:
    if x==0:
        print(" * ")
    elif x==1:
        print("* *")
    elif x==2:
        print(" * * *")
    elif x==3:
        print(" * *")
    else:
        print(" *")
    x=x+1
```

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

```
In [2]: x=0
while x<5:
    if x==0:
        print("* *")
    elif x==1:
        print(" * *")
    elif x==2:
        print(" *")
    else:
        print(" * *")
    x=x+1
```

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

```
In [3]: x=0
while x<5:
    if x==0 or x==2 or x==4:
        print(" * * *")
    elif x==1:
        print(" *")
    else:
        print("      *")
    x=x+1
```

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

```
In [15]: x=0
while x<5:
    if x==0 or x==1 or x==3:
        print("      *")
    elif x==2:
        print(" * * *")
    else:
        print("      * * *")
    x=x+1
```

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

```
In [22]: x=0
while x<5:
    if x==0 or x==1 or x==2 or x==3:
        print("*      *")
    else:
        print(" * * *")
    x=x+1
```

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

```
In [27]: x=0
while x<5:
    if x==0:
        print("*          *")
    elif x==1:
        print(" *          * ")
    elif x==2:
        print("  *          * ")
    elif x==3:
        print("   *        * ")
    else:
        print("    *       ")
    x=x+1
```

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

```
In [29]: x=0
while x<5:
    if x==0 or x==1:
        print("*          *")
    elif x==2 or x==3:
        print("* *        * ")
    else:
        print(" *       ")
    x=x+1
```

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

```
In [31]: x=0
while x<5:
    if x==0:
        print("***        ***")
    elif x==1 or x==3:
        print(" * *      * ")
    elif x==2:
        print("  *      ")
    else:
        print("***        ***")
    x=x+1
```

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



```
In [33]: x=0
while x<5:
    if x==0:
        print("  *  ")
    elif x==1:
        print("   *  ")
    elif x==2:
        print("    * ")
    elif x==3:
        print("     *")
    else:
        print("  * *")
    x=x+1
```

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

```
In [34]: x=5
while x>0:
    if x==5 or x==1:
        print("* * *")
    elif x==4:
        print("  *")
    elif x==3:
        print("   *")
    else:
        print("  *")
    x=x-1
```

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

```
In [ ]:
```