

```

from numpy import *
a = array([[0, 0, 1, 0, 0],
           [0, 1, 0, 1, 0],
           [1, 0, 0, 0, 1],
           [1, 1, 1, 1, 1],
           [1, 0, 0, 0, 1],
           [1, 0, 0, 0, 1],
           [1, 0, 0, 0, 1]])
m = reshape(a, (7, 5))
c = ''
l = 65
for row in range(7):
    for col in range(5):
        if(m[row, col] == 1):
            c = c + chr(l)
            l+=1
        else:c += ' '
    c += '\n'
print(c)

```

for row in range(7) > for col in range(5) > if (m[row, col] == 1

App ×

/Users/leo/PycharmProjects/pythonProject/Giraff

A

B C

D E

F G H I J

K L

M N

O P

```
main.py x App.py
1 from numpy import *
2 a = array([[0, 0, 1, 0, 0],
3           [0, 1, 0, 1, 0],
4           [1, 0, 0, 0, 1],
5           [1, 1, 1, 1, 1],
6           [1, 0, 0, 0, 1],
7           [1, 0, 0, 0, 1],
8           [1, 0, 0, 0, 1]])
9 m = reshape(a, (7, 5))
10 c = ''
11 l = 66
12 for row in range(7):
13     for col in range(5):
14         if(m[row, col] == 1):
15             c = c + chr(l)
16             l+=1
17         else:c += ' '
18     c += '\n'
19 print(c)
```

Run: App x

```

  B
 C D
E  F
GHIJK
 L  M
 N  O
 P  Q
```

Process finished with exit code 0

```
main.py × App.py ×
1 from numpy import *
2 a = array([[0, 0, 1, 0, 0],
3           [0, 1, 0, 1, 0],
4           [1, 0, 0, 0, 1],
5           [1, 1, 1, 1, 1],
6           [1, 0, 0, 0, 1],
7           [1, 0, 0, 0, 1],
8           [1, 0, 0, 0, 1]])
9 m = reshape(a, (7, 5))
10 c = ''
11 l = 71
12 for row in range(7):
13     for col in range(5):
14         if(m[row, col] == 1):
15             c = c + chr(l)
16             l+=1
17         else:c += ' '
18     c += '\n'
19 print(c)
```

```
Run: App ×
/Users/Leo/PycharmProjects/pythonProje
G
H I
J K
LMNOP
Q R
S T
U V
Process finished with exit code 0
```

```
main.py ×
1 print("New python \nproject")
2 print(1, 2, 3, '\n567')
3 print("Running \n"
4       "faster than before")
5 print(1, 2, 3, 7, 11, '\n'"7")
6
7 |

main ×
/Users/Leo/PycharmProjects/pythonProject/pythonP
New python
project
1 2 3
567
Running
faster than before
1 2 3 7 11
7
```