```
PS C:\Users\arjun> python -u "c:\Users\arjun\OneDrive\Desktop\AP21110010192\AP21110010192.py"
Level 0:
[1, 2, 3]
[0, 4, 6]
[7, 5, 8]
Level 1:
[1, 2, 3]
[4, 0, 6]
[7, 5, 8]
Level 1:
[1, 2, 3]
[7, 4, 6]
[0, 5, 8]
Level 1:
[0, 2, 3]
[1, 4, 6]
[7, 5, 8]
Level 2:
[1, 2, 3]
[4, 6, 0]
[7, 5, 8]
Level 2:
[1, 2, 3]
[0, 4, 6]
[7, 5, 8]
Level 2:
[1, 2, 3]
[4, 5, 6]
[7, 0, 8]
Level 2:
[1, 0, 3]
[4, 2, 6]
[7, 5, 8]
```

```
Level 2:
[1, 2, 3]
[7, 4, 6]
[5, 0, 8]
Level 2:
[2, 0, 3]
[1, 4, 6]
[7, 5, 8]
Level 3:
[1, 2, 3]
[4, 6, 8]
[7, 5, 0]
Level 3:
[1, 2, 0]
[4, 6, 3]
[7, 5, 8]
Level 3:
[1, 2, 3]
[4, 5, 6]
[7, 8, 0]
Level 3:
[1, 2, 3]
[4, 5, 6]
[0, 7, 8]
Level 3:
[1, 3, 0]
[4, 2, 6]
[7, 5, 8]
Level 3:
[0, 1, 3]
[4, 2, 6]
[7, 5, 8]
Level 3:
[1, 2, 3]
[7, 4, 6]
[5, 8, 0]
```

```
Level 3:
[1, 2, 3]
[7, 0, 6]
[5, 4, 8]
Level 3:
[2, 3, 0]
[1, 4, 6]
[7, 5, 8]
Level 3:
[2, 4, 3]
[1, 0, 6]
[7, 5, 8]
PS C:\Users\arjun>
```