exp4

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```python
import time
import random
import os

no_of_servers = int(input("Enter No of servsers : "))
threshold = int(input("Threshold for servers : "))
servers = [0] * no_of_servers

for i in range(no_of_servers):
    print(f"server{i}\t", end="")
print()

while True:
    server_no = random.randint(0, no_of_servers-1)
    if servers[server_no] >= threshold:
        if servers == [threshold] * no_of_servers:
            print("Stopping...")
            break
        continue
    # os.system("cls")
    servers[server_no] += 1

    for i in range(no_of_servers):
        print(f"{servers[i]}\t\t", end="")
    print()
    time.sleep(.1)
```

```
server0 server1 server2
0               0               1
1               0               1
1               0               2
1               0               3
2               0               3
2               1               3
2               1               4
2               2               4
2               3               4
2               4               4
```

```
2               4               5
2               5               5
3               5               5
4               5               5
5               5               5
Stopping…
```

[ ]: