1
```
i=0
while i<3:
    j=0
    while j<3:
        if i==j:
            print(m1[i][j], end='')
        j+=1
    i+=1
print()
```

4
```
i=0
while i<3:
    j=0
    while j<3:
        print(m1[i][j], end='')
        j+=1
    i+=1
    print()
```

2
```
i=j=0
while i<3:
    if i==j:
        print(m1[i][j],end='')
    j+=1
    i+=1
print()
```

5
```
for i in m1:
    t=0
    for j in i:
        print(j,end='')
    print()
```

3
```
j = 0
for i in m1:
    print(i[j], end='')
    j+=1
print()
```

6
```
i=0
while i<3:
    j=0
    t=0
    while j<3:
        t+=m1[i][j]
        j+=1
    print(i,' - ',t)
    i+=1
print()
```

7
```
for i in m1:
    t=0
    for j in i:
        t+=j
    print(t)
print()
```

8
```
i=0
while i<3:
    j=0
    while j<3:
        print(m1[j][i],end=' ')
        j+=1
    i+=1
    print()
```

9
```
i=0
while i<3:
    j=0
    t=0
    while j<3:
        t+=m1[j][i]
        j+=1
    i+=1
    print(t)
print()
```

10
```
i=0
while i<3:
    j=0
    while j<3:
        if i==j:
            m1[i][j]=0
        j+=1
    i+=1
print(m1)
print()
```

11
```
i=j=0
while i<3:
    if i==j:
        m1[i][j]=0
    j+=1
    i+=1
print(m1)
print()
```

12
```
j = 0
for i in m1:
    i[j]=0
    j+=1
print(m1)
print()
```