

```
java -cp class Matrix
Enter Matrix:
3
A F D
D B T
C A A
```

```
Original Matrix:
A F D
D B T
C A A
```

Sum = 265

```
Final Matrix:
D T A
F B A
A D C
```

```
java -cp class Matrix
Enter Matrix:
3
T U Q
D G H
A B F
```

```
Original Matrix:
T U Q
D G H
A B F
```

Sum = 300

```
Final Matrix:
Q H F
U G B
T D A
```