```
"E:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:E:\Program Files\
JetBrains\IntelliJ IDEA 2021.2\lib\idea_rt.jar=56681:E:\Program Files\
JetBrains\IntelliJ IDEA 2021.2\bin" -Dfile.encoding=UTF-8 -classpath E:\
my_projects\It-Step\java\2022_03_28_methods\out\production\
2022_03_28_methods;C:\Users\my-12wq\.m2\repository\org\junit\jupiter\
junit-jupiter\5.7.0\junit-jupiter-5.7.0.jar;C:\Users\my-12wq\.m2\
repository\org\junit\jupiter\junit-jupiter-api\5.7.0\junit-jupiter-api-5.
7.0.jar;C:\Users\my-12wq\.m2\repository\org\apiguardian\apiguardian-api\1
.1.0\apiguardian-api-1.1.0.jar;C:\Users\my-12wq\.m2\repository\org\
opentest4j\opentest4j\1.2.0\opentest4j-1.2.0.jar;C:\Users\my-12wq\.m2\
repository\org\junit\platform\junit-platform-commons\1.7.0\junit-platform
-commons-1.7.0.jar;C:\Users\my-12wq\.m2\repository\org\junit\jupiter\
junit-jupiter-params\5.7.0\junit-jupiter-params-5.7.0.jar;C:\Users\my-
12wq\.m2\repository\org\junit\jupiter\junit-jupiter-engine\5.7.0\junit-
jupiter-engine-5.7.0.jar;C:\Users\my-12wq\.m2\repository\org\junit\
platform\junit-platform-engine\1.7.0\junit-platform-engine-1.7.0.jar org.
dng.dz_61_1_matrix
unitary matrix:
[  1  0  0 ]
[  0  1  0 ]
[  0  0  1 ]


Zero matrix
[  0  0  0  0 ]
[  0  0  0  0 ]
[  0  0  0  0 ]
[  0  0  0  0 ]


example of matrix addition...
first matrix
[  4  2 ]
[  5  6 ]
[  9  5 ]
[  8  2 ]

second matrix
[  6  7  4 ]
[  3  0  0 ]

sum:
Error! Matrix dimensions must be equal!

example of matrix addition...
first matrix
[  3  5 ]
[  4  7 ]
[  2  7 ]
[  4  3 ]

second matrix
[  1  3 ]
```

```
[  4  2 ]
[  9  3 ]
[  4  1 ]

sum:
[  4  8 ]
[  8  9 ]
[ 11 10 ]
[  8  4 ]

lets find the determinant of the matrix
[  3  4  9 ]
[  8  5  9 ]
[  2  6  4 ]
[  8  6  7 ]

the determinant = Error. The matrix is not square! determinant can`t be
found!

lets find the determinant of the matrix
[  3  6  5  6 ]
[  4  5  5  4 ]
[  6  1  6  2 ]
[  8  4  9  4 ]

the determinant = 22


Process finished with exit code 0
```