```python
C1 = np.array([[0, 1, 2], [-1, 0, 3], [0, 0, 1]])
C2 = np.array([[1, -1, 5], [1, 1, -2], [0, 0, 1]])

novi_originali = []
nove_slike = []

for i in range(len(originali)):
    novi_originali.append(np.dot(C1, originali[i]))
    nove_slike.append(np.dot(C2, slike[i]))


Pdlt = DLT(originali, slike)
PdltPreslikano = DLT(novi_originali, nove_slike)

Pkonacna = np.dot(np.linalg.inv(C2), PdltPreslikano)
Pkonacna = np.dot(Pkonacna, C1)

Pkonacna = (Pkonacna / Pkonacna[0, 0]) * Pdlt[0, 0]
```

```python
Pndlt = dlt_normalize(originali, slike)
PndltPreslikano = dlt_normalize(novi_originali, nove_slike)

PndltKonacna = np.dot(np.linalg.inv(C2), PndltPreslikano)
PndltKonacna = np.dot(PndltKonacna, C1)
```

b) DLT

c) Modifikovani DLT

Unesite broj tacaka:

5

OK

Unesite homogene koordinate originalnih tacaka i njihovih slika:

-3 1 1	1 1 1
-1 0 1	3 1 1
0 1 1	3 2 1
0 2 1	1 2 1
-3 -2 1	3 0.33 1

OK

Poredjenje sa DLT-om

Odgovarajuca matrica preslikavanja:

```
[[-0.10289062 -0.20395668  0.66453256]
 [-0.15399627  0.20575539  0.10153571]
 [-0.20524339  0.10297387  0.05057573]]
```

Prva:

```
[[ 0.13010056  0.25789865 -0.84028393]
 [ 0.19472233 -0.26017011 -0.12839038]
 [ 0.25952276 -0.13020606 -0.06395315]]
```

Druga:

```
[[ 0.13010056  0.2578868  -0.84025222]
 [ 0.19471971 -0.26016573 -0.12838281]
 [ 0.25951828 -0.13020545 -0.06394702]]
```

Prva

```
[[-0.10289062 -0.20395668  0.66453256]
 [-0.15399627  0.20575539  0.10153571]
 [-0.20524339  0.10297387  0.05057573]]
```

Druga:

```
[[-0.10289062 -0.20395668  0.66453256]
 [-0.15399627  0.20575539  0.10153571]
 [-0.20524339  0.10297387  0.05057573]]
```