

```
assignment = 4
M nadeem(FA20-BSE-035)
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```
a = [ [1,0,0],[0,1,0],[0,0,1] ]
b = [ [1,2,3],[4,5,6],[7,8,9] ]
c = []
for indrow in range (3):
    c.append ([])
    for indcol in range (3):
        c[indrow].append(0)
        for indaux in range (3):
            c[indrow][indcol] = c[indrow][indcol] +a[indrow][indaux] * b[indcol][indaux]
print(c)
```

```
[[1, 4, 7], [2, 5, 8], [3, 6, 9]]
```

```
def perimeter (listing):
    leng=len(listing)
    perimeter=0;
    for i in range (0,len-1):
        dis=((listing[i][0]-listing[i+1][0])**2)**0.5
        dis+=((listing[i][1]-listing[i+1][1])**2)**0.5
    perimeter+=((listing[0][0]-listing[leng-1][0])**2)**0.5
    perimeter+=((listing[0][1]-listing[leng-1][1])**2)**0.5
    return perimeter
L=[(1,3),(2,7),(3,9),(-1,8)]
print(perimeter(L))
```

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