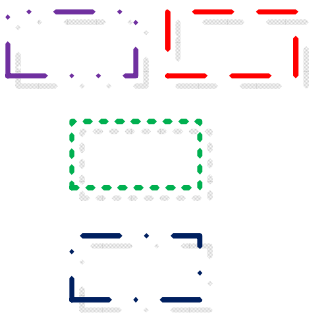
```
for(int i = 1; i <= dim; i++)
    for(int j = 1; j <= dim; j++)
    {
        A[i][j] = B[i-1][j];
        B[i-1][j] = B[i-1][j-1];
    }
```



edx = *edx0* + *dim****ind1** + 4***ind2**

esi = *esi0* + *dim****ind1** + 4***ind2**

ebx = *ebx0* + *dim****ind1** + 4***ind2**

Ind1: -0x20(%ebp)
Ind2: ecx

edx0: -0x10(%ebp)
esi0: -0x1c(%ebp)
ebx0: -0x18(%ebp)
dim: -0x14(%ebp)

```
40: mov   -0x10(%ebp),%edx
43: xor   %ecx,%ecx
45: mov   -0x1c(%ebp),%esi
48: mov   -0x18(%ebp),%ebx
4c: lea   0x0(%esi,%eiz,1),%esi
50: mov   (%edx),%eax
52: add   $0x1,%ecx
55: mov   %eax,(%esi)
57: mov   (%ebx),%eax
59: add   $0x4,%esi
5c: add   $0x4,%ebx
5f: mov   %eax,(%edx)
61: add   $0x4,%edx
64: cmp   %ecx,%edi
66: jg    50
68: mov   -0x14(%ebp),%eax
6b: addl  $0x1,-0x20(%ebp)
6f: add   %eax,-0x18(%ebp)
72: add   %eax,-0x1c(%ebp)
75: add   %eax,-0x10(%ebp)
78: cmp   -0x20(%ebp),%edi
7b: jg    40
```

j loop