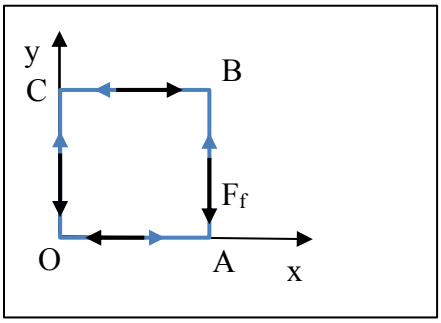
a) sketch: make two different paths in xy-direction:
path 1: O=(0,0) -> C=(0,1)
path 2: O ->A=(1,0) ->B=(1,1)->C
The blue arrows indicate the direction of traveling; the black arrows the friction force on each piece of the paths.



b) compute work done moving over path 1:
$W_{OC} = \int_0^1 -\mu mgdy = -\mu mg$

Compute work done moving over path 2:
$W_{OABC} = \int_0^1 -\mu mgdx + \int_0^1 -\mu mgdy + \int_1^0 \mu mgdx = -3\mu mg$

Clearly the work done for the two paths are not equal. Thus, this force in not conservative.