

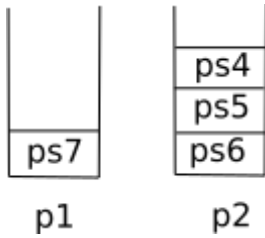
Exercice 5

1

file

```
2 def ajouter(lst,proc):  
    lst.append(proc)
```

3



4a

```
def est_vide(f):  
    return pile_vide(f[0]) and pile_vide(f[1])
```

4b

```
def enfiler(f,elt):  
    empiler(f[0],elt)
```

4c

```
def defiler(f):  
    p1 = f[0]  
    p2 = f[1]  
    if pile_vide(p2):  
        while not pile_vide(p1):  
            v = depiler(p1)  
            empiler(p2,v)  
    return depiler(p2)
```