





Avance arbol de decisiones:

```
def ordenCuatro(a1,a2,a3,a4):
```

```
    if (a1<a2):
```

```
        if(a2<a3):
```

```
            if(a3<a4):
```

```
                return (a1,a2,a3,a4)
```

```
            else:
```

```
                if(a2<a4):
```

```
                    return (a1,a2,a4,a3)
```

```
            else:
```

```
                if(a1<a4):
```

```
                    return (a1,a4,a2,a3)
```

```
                else:
```

```
                    return (a4,a1,a2,a3)
```

```
    else:
```

```
        if(a1<a3):
```

```
            if(a4<a2):
```

```
                if(a3<a4):
```

```
                    return (a1,a3,a4,a2)
```

else:

if(a1<a4):

return (a1,a4,a3,a2)

else:

return(a4,a1,a3,a2)

else:

return(a1,a3,a2,a4)

else:

if(a2<a4):

return (a3<a1,a2,a4)

else:

if(a1<a4):

return(a3,a1,a4,a2)

else:

if(a3<a4):

return (a3,a4,a1,a2)

else:

return (a4,a3,a1,a2)

else:

```
if(a3<a1):  
    if(a3<a2):  
        if(a1<a4):  
            return (a3,a2,a1,a4)  
        else:  
            if(a2<a4):  
                return (a3,a2,a4,a1)  
            else:  
                if(a3<a4):  
                    return (a3,a4,a2,a1)  
                else:  
                    return(a4,a3,a2,a1)  
    else:  
        if(a1<a4):  
            return(a2,a3,a1,a4)  
        else:  
            if(a3<a4):  
                return(a2,a3,a4,a1)  
            else:
```

```
        if(a2<a4):
            return(a2,a4,a3,a1)
        else:
            return(a4,a2,a3,a1)
    else:
        if(a3<a4):
            return(a2,a1,a3,a4)
        else:
            if(a1<a4):
                return(a2,a1,a4,a3)
            else:
                if(a2<a4):
                    return(a2,a4,a1,a3)
                else:
                    return(a4,a2,a1,a3)
print(ordenCuatro(7,5,6,3))
print(ordenCuatro(3,8,4,2))
print(ordenCuatro(10,7,12,14))
print(ordenCuatro(3,0,1,1))
```

```
print(ordenCuatro(9,6,7,4))
```

```
print(ordenCuatro(4,3,2,1))
```