

```
import random
```

```
a=random.randint(1,100)
```

```
print("a= " + str(a))
```

```
b=random.randint(1,100)
```

```
print("b= " + str(b))
```

```
c=random.randint(1,100)
```

```
print("c= " + str(c))
```

```
d=random.randint(1,100)
```

```
print("d= " + str (d))
```

```
if (a <= c and b <= d) or (a <= d and b <= c):
```

```
    print ("A rectangle with sides a,b can fit into a rectangle with sides c,d")
```

```
if not (a <= c and b <= d) or not (a <= d and b <= c):
```

```
    print ("Rectangle with sides a,b can NOT with into rectangle with sides c,d")
```