

Practical 8A

Define a function() that takes two lists

```
def overlapping(list1,list2):
```

```
    c=0
```

```
    d=0
```

```
    for i in list1:
```

```
        c+=1
```

```
    for i in list2:
```

```
        d+=1
```

```
    for i in range(0,c):
```

```
        for j in range(0,d):
```

```
            if(list1[i]==list2[j]):
```

```
                return 1
```

```
    return 0
```

```
list1=[1,2,3,4,5]
```

```
list2=[6,7,8,9]
```

```
if(overlapping(list1,list2)):
```

```
    print("overlapping")
```

```
else:
```

```
    print("not overlapping")
```

```
def overlapping(list1,list2):
```

```
    c=0
```

```
    d=0
```

```
    for i in list1:
```

```
        c+=1
```

```
    for i in list2:
```

```
        d+=1
```

```
    for i in range(0,c):
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```
        for j in range(0,d):
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```
            if(list1[i]==list2[j]):
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                return 1
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    return 0
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```
list1=[1,2,3,4,5]
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list2=[6,7,8,9]
```

```
if(overlapping(list1,list2)):
```

```
    print("overlapping")
```

```
else:
```

```
    print("not overlapping")
```

Output:

not overlapping

not overlapping