

# Lecture Notes:Week 10

*From JOCWiki*

```
flames={'F':'Friends','L':'Love','A':'Affections','M':'marriage','E':'Enemy','S':'Siblings'}
```

```
f=list("FLAMES")
```

```
boy=input("Enter The boy's name: ")
```

```
girl=input("Enter The girl's name: ")
```

```
b=list(boy.replace(" ", "").lower())
```

```
g=list(girl.replace(" ", "").lower())
```

```
for i in boy:
```

```
    if i in g:
```

```
        b.remove(i)
```

```
        g.remove(i)
```

```
b=b+g i=0 while len(f)!=1:
```

```
    i+=len(b)
```

```
    j=i%len(f)
```

```
    f.pop(j-1)
```

```
    i=j-1 if j!=0 else 0
```

```
print("The relation between ",boy,"and",girl,"is ",flames["".join(f)])
```