

## Microquiz 1

### 1.

```
c = a_str + b_str
s = 0
for i in c:
    s += int(i)
print(s)
```

```
# test cases
```

```
a_str = "123"
b_str = "456"
```

```
a_str = "1"
b_str = "10"
```

```
a_str = "001"
b_str = "002"
```

```
a_str = "5"
b_str = "5"
```

```
a_str = "400"
b_str = "500"
```

```
a_str = "276"
b_str = "29879"
```

```
a_str = "432"
b_str = "143"
```

```
a_str = "1"
b_str = "1"
```

```
a_str = "0"
b_str = "0"
```

```
a_str = "16725"
b_str = "1687257"
```

### 2.

```
for i in range(n+1):
    if i%r == 0:
        print(i)
```

```
# test cases
```

```
n = 12
r = 4
```

```
n = 2
r = 3
```

```
n = 3
r = 1
```

```
n = 3
r = 3
```

$n = 15$   
 $r = 4$

$n = 15$   
 $r = 6$

$n = 20$   
 $r = 3$

$n = 21$   
 $r = 4$

$n = 5$   
 $r = 4$

$n = 7$   
 $r = 6$