

# Provprogrammering 2021-02-09

```
x = 31
y = 15
c = x % y
```

```
print("1", x+y)          svar: _____
print("2", c + y % c)    svar: _____
print("3", x % c + y)    svar: _____
```

```
x = "Joe"
y = "Biden"
```

```
print("4", y*2)          svar: _____
print("5", 'Y'*5 + x,y + y[-1]*5)  svar: _____
```

```
print("6", (x*5).count('o'))  svar: _____
print("7", (x + " " + y).count('r'))  svar: _____
```

```
x = "I will write potato in the chat"
y = x[0]
y += x[-1]
y += x[5]
z = x.index('w')
y += (x[3])
print("8", y.lower())      svar: _____
```

```
def woop(n, inc):
    return n + inc
```

```
i = 0
```

```
while i > -20:
    i = woop(i, -1)
```

```
print("9", i)             svar: _____
```

```
x = 'a'
if(x in "APA"):
    print("10", "gurka!")          svar: _____
```

```
else:
    print("10", "ingen gurka!")    svar: _____
```

```
x = "Python is awesome".count('0')
if x > 10 or x < 3:
    x *= "or is it?".count('i')
    if x > 0 and x < 20:
        print("11", "Yep!")        svar: _____
```

```
    else:
        print("11", "Nope!")       svar: _____
```

```
else:
    print("11", "Def. nope!!")     svar: _____
```

```
x = 4
y = ""
while x%9 != 0:
    x += 8
    y += str(x) + ","
print("12", y)                     svar: _____
```

```
x = 0
for a in range(0,5,2):
    for b in range(0,8,3):
        x += b
print("13", x)                     svar: _____
```

```
def con(z):
    return z**2
i = 2
while not con(i) > 20:
    i = con(i)

print("?:", i)                     svar: _____
```