

# Kompetenser

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GitHub: [github.com/steble70/scriptlab](https://github.com/steble70/scriptlab)

# PowerShell

---

```
function Get-PLotto {  
    [CmdletBinding()]  
    param (  
        [Parameter()]  
        [ValidateNotNullOrEmpty()]  
        [ValidateRange(0, 15)]  
        [int]$antal_spel = 1  
    )  
    1 reference  
    function numbers {  
        $lotto_numbers = @(1..35)  
        @(Get-Random -InputObject $lotto_numbers -Count 7) | Sort-Object  
    }  
  
    for ($i=1; $i -le $antal_spel; $i++) {  
        Write-Host -Object (numbers)  
    }  
}
```

# PowerShell forts.

---

```
function Get-Py3QuickRef {  
    [CmdletBinding()]  
    param (  
        [Parameter(Mandatory)]  
        [ValidateSet("Strings", "Lists", "Tuples", "Dictionaries", "Sets",  
            "Comparisons", "Loops", "Functions", "Printing", "File access",  
            "Input", "Error stream", "Other file operations", "Exceptions",  
            "OOP", "JSON", "Databases", "SYS", "OS")]  
        $topic  
    )  
    Set-Location $env:USERPROFILE\Documents\PowerShell\  
    if (Test-Path -Path py3quickref.csv) {  
        $pycsvfile = Import-Csv -Path .\py3quickref.csv  
        $pycsvfile | Select-Object $topic  
    }  
    else {  
        Write-Error -Message "File not found."  
    }  
}
```

# PowerShell forts.

```
PS PSproj:\> Get-Py3QuickRef -topic Lists, Comparisons, Loops
```

Lists	Comparisons	Loops
-----	-----	-----
l = [1, 2, 3, 4, 5]	<	for x in range(6)
l[0]	<=	for x in range(1,6)
l[0:3]	>	for x in range(1,6,2)
l[-2:]	>=	for k,v in D.items(): print("D[{}]={}".format(k,v))
l[1:4] = [7,8]	==	for i,v in enumerate(L)
del l[2]	!=	for x,y in zip(L1,L2)
l.append(x)	is	for i in sorted(set(L))
l.remove(x)	is not	for x in reversed(L1)
l.extend(L2)		
l.pop()		
l.sort()		
x in l		
l.index(x)		
[x*2 for x in l if x>2]		

```
PS C:\Users\stebler70\Documents\PowerShell>
```

# Python

```
import random
import math
class Slot(object):
    def __init__(self, deposit=100, bet=5, number_of_attempts=1):
        self.deposit = deposit
        self.bet = bet
        self.number_of_attempts = number_of_attempts

    def play(self):
        for x in range(0, self.number_of_attempts):
            small_win = [random.randint(self.bet, 10),
                          random.randint(self.bet, 10),
                          random.randint(self.bet, 20),
                          random.randint(self.bet, 30),
                          random.randint(self.bet, 40),
                          random.randint(self.bet, 50)]

            big_win = [random.randint(0, 150),
                       random.randint(0, 250)]
            no_win = [0 for x in range(1, 50)]
            wins = small_win + no_win + big_win
            random.shuffle(wins)
            pick_wins = random.choice(wins)
            self.deposit = (self.deposit + pick_wins) - self.bet  # Det kostar bet kr att spela
```

# Python forts

```
if self.deposit >= 1000:
    yield f"\nMAXVINST. Du vann {pick_wins}:-, sammanlagt {self.deposit}:-"
    self.deposit = 0
    self.bet = 0
    self.number_of_attempts = 0
    break
elif self.deposit == 0:
    yield "\nGame Over. Mata in mera pengar i maskinen"
    break
elif self.bet > self.deposit:
    yield '\nInte tillräckligt med krediter'
    break
else:
    yield f"\nVinst: {pick_wins}:-\n"
x = x + 1

def credits(self):
    if self.deposit < 0:
        yield "0:-"
    else:
        yield f"{self.deposit}:-"
```

# Excel/LibreOffice Calc

LibreOfficeCals.ods - LibreOffice Calc

Arkiv Redigera Visa Infoga Format Formatmallar Blad Data Verktyg Fönster Hjälp

Liberation Sans 10 F K U A % 00 00 00

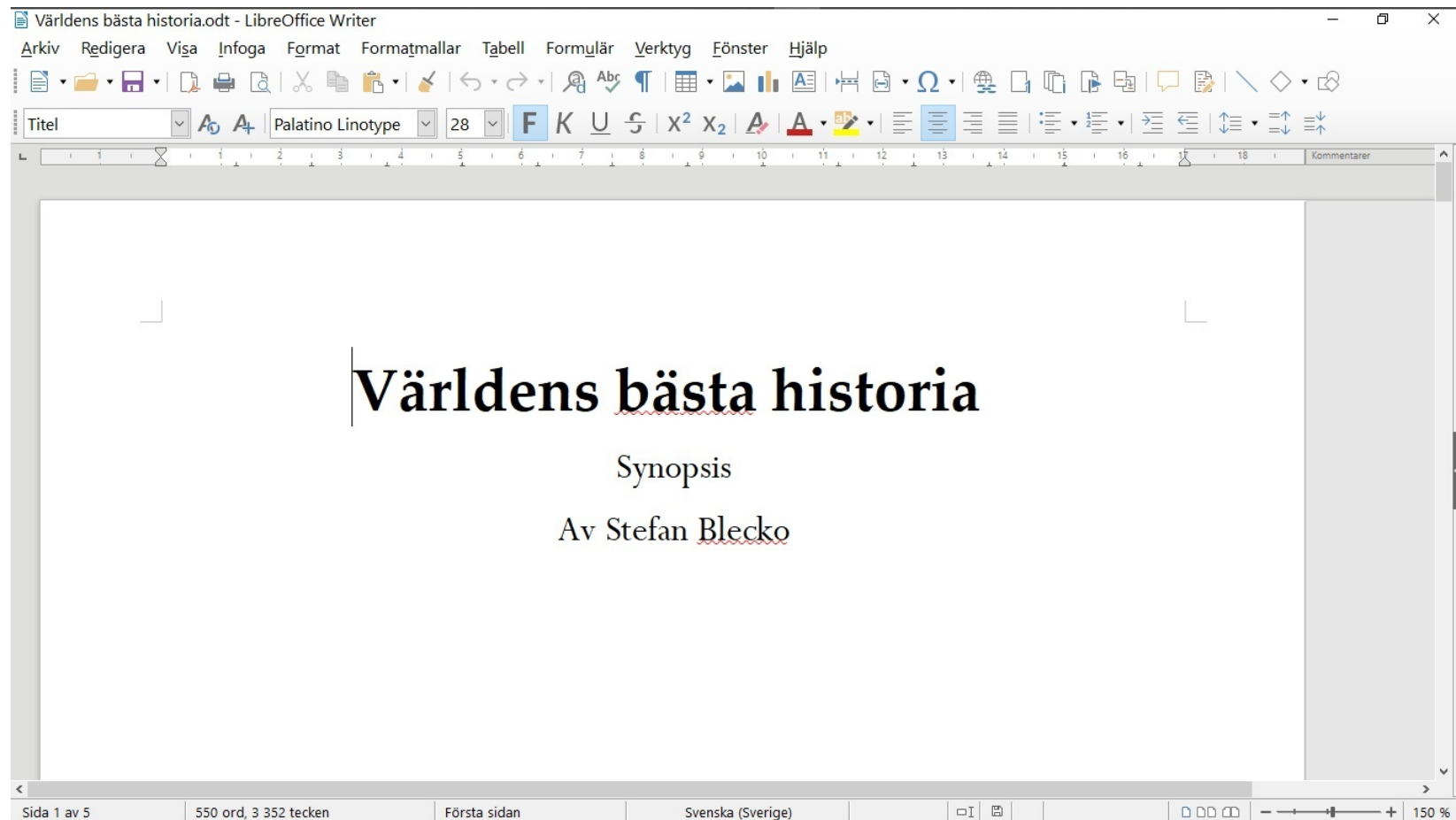
B3 =SLUMP.MELLAN(3+6;18+6)

	A	B	C	D	E	F	G	H	I	J	K	L
2	Namn	STY	FYS	STO	INT	PSY	SMI	KAR	SB	KP	Vapen	Att
3	Grot troll 1	17										
4	Grot troll 2	17										
5	Orch 1	12	14	11	14	14	12	10	12	13		
6	Orch 2	13	7	12	6	8	4	12	13	10		
7	Orch 3	8	13	12	9	16	16	4	10	13		
8	Orch 4	24	5	9	10	7	9	9	17	7		
9	Orch 5	6	4	9	9	13	11	10	8	7		
10	Orch 6	9	17	6	14	10	5	7	8	12		
11	Orch 7	22	17	14	7	10	3	2	18	16		
12	Orch 8	21	9	4	7	4	12	3	13	7		
13	Orch 9	9	7	4	8	4	8	11	7	6		
14	Orch 10	16	4	4	12	5	10	5	10	4		
15	Orch 11	14	9	17	9	5	5	8	16	13		
16	Orch 12	14	6	17	5	3	18	11	16	12		
17	Orch 13	13	3	13	5	18	3	5	13	8		
18	Orch 14	8	4	15	9	17	7	10	12	10		
19	Orch 15	8	7	3	13	3	3	8	6	5		
20	Orch 16	8	11	12	6	12	8	7	10	12		
21	Orch 17	23	10	8	5	7	7	3	16	9		
22	Orch 18	8	18	15	10	10	10	3	12	17		
23	Orch 19	17	14	5	7	15	8	9	11	10		

Blad 1 av 1 Standard Svenska (Sverige) Medel: 17; Summa: 17 140 %



# Word/LibreOffice Writer





# Övriga program

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- Episerver (administrerade Psykiatrin södras intranät)
- Visual Studio Code
- Wordpress (byggde Verdandi Sundbyberg hemsida i Wordpress)
- Citrix och Anslutning till fjärrskrivbord (administrerade Sollentuna kommuns användare)

# Övriga program forts.

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- VMware Workstation (kompetens från Sollentuna kommun samt Lexicon kursen)
- Applikationspaketering (från Sollentuna kommun)
- Ärendehanteringssystem (kompetens från Sollentuna kommun, Polisen samt Lexicon kursen)
- Bildbehandling (Gimp)

# Övriga program forts.

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- Antivirus (från kursen på Trust IT)
  - F-secure Antivirus Client Security:
  - Internet Shield samt F-secure policy Manager från



# Molntjänster

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- Office 365 (från Lexicon kursen)
- Azure (från Lexicon kursen)