Lab Exercises Chapter 4 Solutions

Write a program to print the numbers 1 - 10 to the screen.

```python
for counter in range(1, 11):
    print("We're on %d" % (counter))
```

Write a program to print a list of names to the screen.

```python
lists = ['name 1', 'name 2', 'name 3', 'name 4', 'name 5', 'name 6']
for counter in lists:
   print (counter)
```

Write a program to calculate and print the squares of the numbers from 1 to 10. Use \t if you want to display in a table.

```python
for counter in range(1, 11):
    print("Square of %d is %d" % (counter, counter*counter))
```

Write a program that accepts a number from the user until a negative number is entered.

```python
userinput = 1
while userinput > 0:
   print ("Enter a number: ")
   userinput = int(input())
print ("ok")
```

Write a program that accepts an integer and prints the specified range it belongs to.

Range 1: 0 to 10

Range 2: 11 to 20

Range 3: 21 to 30

Range 4: 31 to 40

```python
num = int(input("Enter number: "))
if num > 40 :
    print('Out of Range')
elif num >= 30 :
    print('Range 4')
elif num >= 20:
    print('Range 3')
elif num >= 10:
    print('Range 2')
elif num >= 0:
    print('Range 1')
else:
    print('Out of range')
```