

Getting to know: the for command

Name:

```
for i in range(10):  
    print i  
print "finished"
```

What do you think will happen?

What does happen?

```
for i in range (1, 10):  
    print i  
print "finished"
```

What do you think will happen?

What does happen?

```
for i in range (5, 10):  
    print i  
print "finished"
```

What do you think will happen?

What does happen?

```
for i in range (0, 20, 5):  
    print i  
print "finished"
```

What do you think will happen?

What does happen?

```
for i in range (1, 20, 5):  
    print i  
print "finished"
```

What do you think will happen?

What does happen?

```
for i in "hello":
    print i
print "finished"
```

What do you think will happen?

What does happen?

```
for i in ["Fred", "George", "Harry"]:
```

What do you think will happen?

What does happen?

```
names=["Sarah", "Lucy", "Rebecca"]
for name in names:
    print "Hello", name
print "finished"
```

What do you think will happen?

What does happen?

What if you provide a list of numbers (square brackets) instead of using `range(<number>)`?

What if the third number in range is negative?

Now use your knowledge of the `for` command to print out:

- The 5 times table
- All the letters in the name "Ellington and Hereson School"
- A personal greeting to your own list of names
- A checklist of jobs to do, with **completed** after each one

```
for i in [1, 2, 5, 8]:
    print i
print "finished"
```

```
for i in range (20, 0, -5):
    print i
print "finished"
```

```
import time
for i in range (10, 0, -1):
    print i
    time.sleep(1)
print "blast off!"
```