C2110 UNIX and programming

Lesson 8

PS / 2020 Distance form of teaching: Rev2

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Summary L7



Decision Block



Conditions



if	!	<pre>mkdir directory 2> /dev/null; then</pre>
		<pre>echo "I cannot create directory!"</pre>
		exit 1
fi		

```
Boolean expressions:
[[ number1 operator number2 ]]
[[ operator string1 ]]
```

It is possible to test the return value of a command or the result of a logical expression.

Loop using while



N=10		
I=0		
<pre>while [[I -lt N]]; do</pre>		
echo "X"		
((I = I + 1))		
done		



While loop is used mainly in situations where changing the "counter" is a complex matter or cannot be controlled by a quantifiable counter (it depends, for example, on the result of a command).

Next Subject



Content

> Loop

• for vs while

Troubleshooting

- syntactic and logical errors, syntax highlighting, static analysis, debugging
- Functions
- > Lollipop Competition 🔬