Hang Alexandru
FILS – CTI (English)
1211 EB

Homework

nr	Operator	Script
1	a++	*a=1;* *echo $((a++)); #will output 1* *echo $a; #will output 2*
2	++a	*a=1;* *echo $((++a)); #will output 2* *echo $a; #will output 2*
3	+ and –	a=3; b=2; echo $(($a+$b)); *#will output 5*
4	Negation (!)	var1=1; if ! [$var1 -eq 1] then echo true; else echo false; *#will output false* fi;
5	Exponential (**)	var1=2; echo $(($var1**4)); *#will output 16*
6	Multiplication (*)	var1=2; echo $(($var1*4)); *#will output 8*
7	Addition (+)	var1=2; echo $(($var1+4)); *#will output 6*
8	Bitwise shift <<	echo $((1<<8)); *#will output 256*

9	Comparison <=	var1=abc;
		var2=defghijkl;
		if [$var1\<$var2]
		then echo yes; *#will output yes*
		fi;

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10	Equality
	And
	Inequality
		var1=abc;
		var2=defghijkl;
		if [$var1!=$var2]
		then echo yes; *#will output yes*
		else echo no;
		fi;

11	AND (&) - bitwise	if [1 -le 2] & [4 -le 8]; then echo "both tests are true" fi
12	And (&&) - logical	if [1 -le 2] && [4 -le 8]; then echo "both tests are true" fi
13	OR (|) – bitwise	if [1 -le 2] | [4 -le 3]; then echo "one test is true" fi
14	OR (||) - logical	if [1 -le 2] || [4 -le 3]; then echo "one test is true" fi
15	Ternary operator	a=1; ((a? b=1 : (c=1)))

16	Assignment	a=1;
		a+=3;
		a*=5;

17	Comma (,)	a=1, b=8;