University of Ruse Angel Kanchev Department: Theoretical and measuring electrical engineering			
Course: **Specialty:**			
Student:			**Fac. No:**
Group:	**Date:**	**Assistent:**	

REPORT № 1

Topic: Basic laws in electric circuits.

Task 1. This task gives 4 points.

Goal of the task: …….....
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…….....

Schematics of the experimental arrangement:

Quantity	U_{N0}, V	U_{N1}, V	U_{N2}, V
Value, V	0		

Quantity	**Value**
I_1, A	
I_2, A	
I_3, A	
KCL with letters KCL with numbers	
P_{E1}, W	
P_{R1}, W	
P_{R2}, W	
P_{R3}, W	
Conservation of power with letters Conservation of power with numbers	

Task 2. This task gives 4 points.

Goal of the task: …….....
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…….....

Schematics of the experimental arrangement:

Quantity	U_{N0}, V	U_{N1}, V	U_{N2}, V	U_{N3}, V
Value, V	0			

Quantity	**Value**
E_1, V	
U_{R1}, V	
U_{R2}, V	
U_{R3}, V	
U_{R4}, V	
KVL for loop 1 with letters KVL for loop 1 with numbers	
KVL for loop 2 with letters KVL for loop 2 with numbers	
KVL for loop 3 with letters KVL for loop 3 with numbers	

Conclusions: This task gives 2 points.

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