Report for Lab Work 01:  
Computing Basises (Number Systems, Binary Arithmetic, Boolean Algebra)

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| **Student Name Surname** | **Student DOB (dd.mm.yyyy)** | **Date** |
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Table with Task Answers.

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| Nr | Assignment, Instruction, Variant of Task | Detailed Answer |
| 3.1 | Convert Decimal integer to a) Binary, b) Octal, c) Hexadecimal, d) Check your answer by converting Bin🡪Dec   * Choose your variant x = 1st letter of your Name in the English alphabet. * Use your date of birth to number generation from date template DdMmYYyy.   x) Your Variant of Task Text … |  |
| 3.2 | Convert a Decimal real number to a) Binary integer & b) Binary fraction with an accuracy of 8 digits after RADIX point.   * Choose your variant x = 1st letter of your Surname in the English alphabet. * Use your date of birth to number generation from date template DdMmYYyy.   x) Your Variant of Task Text … |  |
| 3.3 | Convert Binary integer number to a) Decimal, b) Octal, c) Hexadecimal.   * Choose your variant x = 2nd letter of your Name in the English alphabet.   x) Your Variant of Task Text … |  |
| 3.4 | You need a) add two binary numbers; b) check your answer by converting Bin🡪Dec.   * Choose your variant x = 2nd letter of your Surname in the English alphabet.   x) Your Variant of Task Text … |  |
| 3.5 | Find value for a Boolean expression.   * Choose your variant x = 3rd letter of your Name in the English alphabet or 3rd letter of your Surname in the English alphabet (if you Name is short).   x) Your Variant of Task Text … |  |