# Lab Work 1-5-2

| **Item** | **Description** |
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| Goal | * Getting a practical experience in * Writing simple console application, using "nested-if" statement , "switch-case" statement . |
| Task | * Write a program which prompts user for the number "X", reads it from the keyboard, and saves it in an int variable called "x". * Then prints "One", "Two",... , "Nine" if the int variable "x" is 1, 2,... , 9 and "Other" if “x” >9, respectively. * Use (a) a "nested-if" statement; * (b) a "switch-case" statement. * The output shall look like (user input – in green): * -Enter number x: **1** -Enter number x: **12** * -One - Other |
| Preparation | No special preparation |
| Execution\ methodology | * Remind that student should apply his or her knowledge of:   + how to use "nested-if" statement , "switch-case" statement * Execute following steps:   + Student should create a new blank Java Project in IDE.   + Student should create his or her own Java class and provide all necessary code in a method main()   + Student should use System.in and Scanner class to read x value from console   + Student should use (a) "nested-if" statement or (b) "switch-case" statement   + Student should use System.out.println(). * Ask student to execute the program |
| Evaluation | * the program must work correctly; |
| Closure | Issues discussion, on demand |
| Reporting | No special reporting |