# Lab Work 1-5-3

| **Item** | **Description** |
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| Goal | Getting a practical experience in   * Using loops. |
| Task | Write a program to produce the multiplication table of 1 to 9 as shown  using two nested for-loops:    \* | 1 2 3 4 5 6 7 8 9  -------------------------------  1 | 1 2 3 4 5 6 7 8 9  2 | 2 4 6 8 10 12 14 16 18  3 | 3 6 9 12 15 18 21 24 27  4 | 4 8 12 16 20 24 28 32 36  5 | 5 10 15 20 25 30 35 40 45  6 | 6 12 18 24 30 36 42 48 54  7 | 7 14 21 28 35 42 49 56 63  8 | 8 16 24 32 40 48 56 64 72  9 | 9 18 27 36 45 54 63 72 81 |
| Preparation | No special preparation |
| Execution\ methodology | Remind that student should apply his or her knowledge of:   * how using for-loops * how to print on console   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 two nested for-loops. * Student should use one System.out.println(...) statement for each line of outputs.   Ask student to execute the program |
| Evaluation | * the program must work correctly; |
| Closure | Issues discussion, on demand |
| Reporting | No special reporting |