# Lab Work 1-5-5

| **Item** | **Description** |
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| Goal | Getting a practical experience in   * Writing simple console application, using loop and arithmetic operators. |
| Task | Write a program to produce the sum of 1, 2, 3, ..., to an upper bound - n.  Also compute and display the average. The output shall look like:  The Sum is: 100  The Avg is: 10 |
| Preparation | No special preparation |
| Execution\ methodology | Remind that student should apply his or her knowledge of:   * how to use loops   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 loop and arithmetic operators.   Ask student to execute the program |
| Evaluation | * the program must work correctly; |
| Closure | Issues discussion, on demand |
| Reporting | No special reporting |