ADPROC, Advanced Programming Concepts (U21266)

**Coursework Demonstration Assessment Aspects**

Student names: **1.** student No:

**2.** student No:

**3.** student No:

**Assessors: Dr. I. Jordanov/Dr Zhaojie Ju Date: .XII. 2016**

**Assessment aspects:** If all criteria from first column (the table below) are poorly implemented – min marks; if all are excellent – max marks; if other combinations – interpolate. Similarly for the other tables.

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| **Adequate verification and validation of input data. Exception handling?** | **Marks available** | | | | | **Marks awarded**  (from 10) |
| Excellent  (7-10) | Very  Good  (6-7) | Good  (5-6) | Satisfactory  (4-5) | Poor  (0-3) |
| For example, is input data properly validated (less than the upper limit and greater than the lower limit):  - size (negative?); grade (1 to 5); colour (0 to 3);  - sealable (0, 1);  - reinforced bottom and corners (0 or 1);  - number of boxes (negative?)  Adequate use of ***try{} – catch{}*** construct: for example, if a letter instead of a number is entered, a ***NumberFormatException*** should be handled. |  |  |  |  |  |  |

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| **Does the application perform as specified?** | **Marks available** | | | | | **Marks awarded**  (from 10) |
| Excellent  (7-10) | Very  Good  (6-7) | Good  (5-6) | Satisfactory  (4-5) | Poor  (0-3) |
| * Is the order correctly determined? (For example, if the ordered grade is 1, and ordered colour is 2, there should be a message that the company does not produce such type of boxes.) * Is the cost correctly calculated? * Total cost (more than one order)? |  |  |  |  |  |  |

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| **Use of AWT/Swing** | **Marks available** | | | | | **Marks awarded**  (from 15) |
| Excellent  (11-15) | Very  Good  (9-10) | Good  (7-8) | Satisfactory  (5-6) | Poor  (0-4) |
| * Is the layout clear? * How appropriate is the use of components? * How appropriate is the feedback to the user? * How well designed is the interface? * Is it working, or just an attempt? |  |  |  |  |  |  |

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| Total (from 35) |  |