ADPROC, Advanced Programming Concepts (U21266)

**Coursework Demonstration Assessment Aspects**

**Group No (***e.g.,* ***GrC-9*):** Student numbers: USB submitted?

1. 3.

2. 4.

Assessor: Dr. I. Jordanov Date: .XII.2018

**Assessment aspects:** If all criteria from first column (the table below) are poorly implemented – min marks; if all are excellent – max marks; if other permutations – marks are interpolated.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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; grade (1 to 5); colour (0 to 2);  - inner insulation (0, 1);  - outer reinforcement (0, 1);  - sealable top (0 or 1);  - number of boxes.  Adequate use of ***try{} – catch{}*** construct: e.g., if a letter instead of a number is entered, a ***NumberFormatException*** should be handled. |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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.) * Several orders in one session? * Is the cost correctly calculated? Total cost? |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 GUI intuitive and the layout clear? * How appropriate is the use of components? * How adequate is the feedback to the user? * How well designed is the interface? * Is it working, or just an attempt? |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Total (from 35)** |  |