

Coursework Demonstration Assessment Aspects

Student names: 1.

Code:

2.

Code:

Assessor: Dr. I. Jordanov/Dr. Zhaojie Ju

Date: .XII.2015

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.

<u>Adequate verification and validation of input data. Exception handling?</u>	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 2); - inner insulation (0, 1); - outer reinforcement (0, 1); - chemical resistance (0 or 1); - number of pipes (negative?) Adequate use of <i>try</i> – <i>catch</i> construct: for example, if a letter instead of a number is entered, an <i>NumberFormatException</i> should be handled.						

<u>Does the application perform as specified?</u>	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 pipes.) - Is the cost correctly calculated? Total cost?						

<u>Use of AWT/Swing</u>	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?						

Total (from 35)	
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