ADDS - Practical 7: Polymorphism and Complexity

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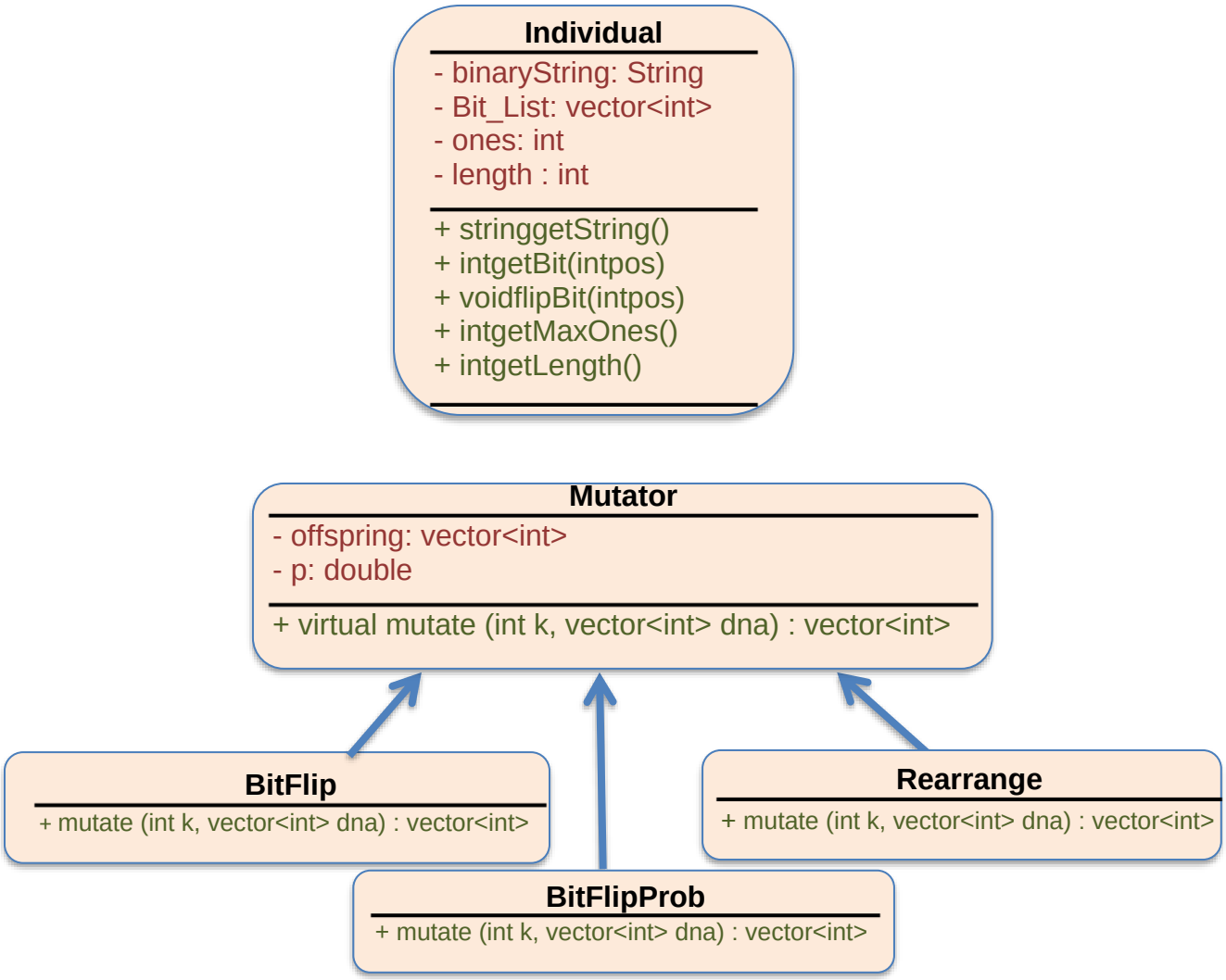
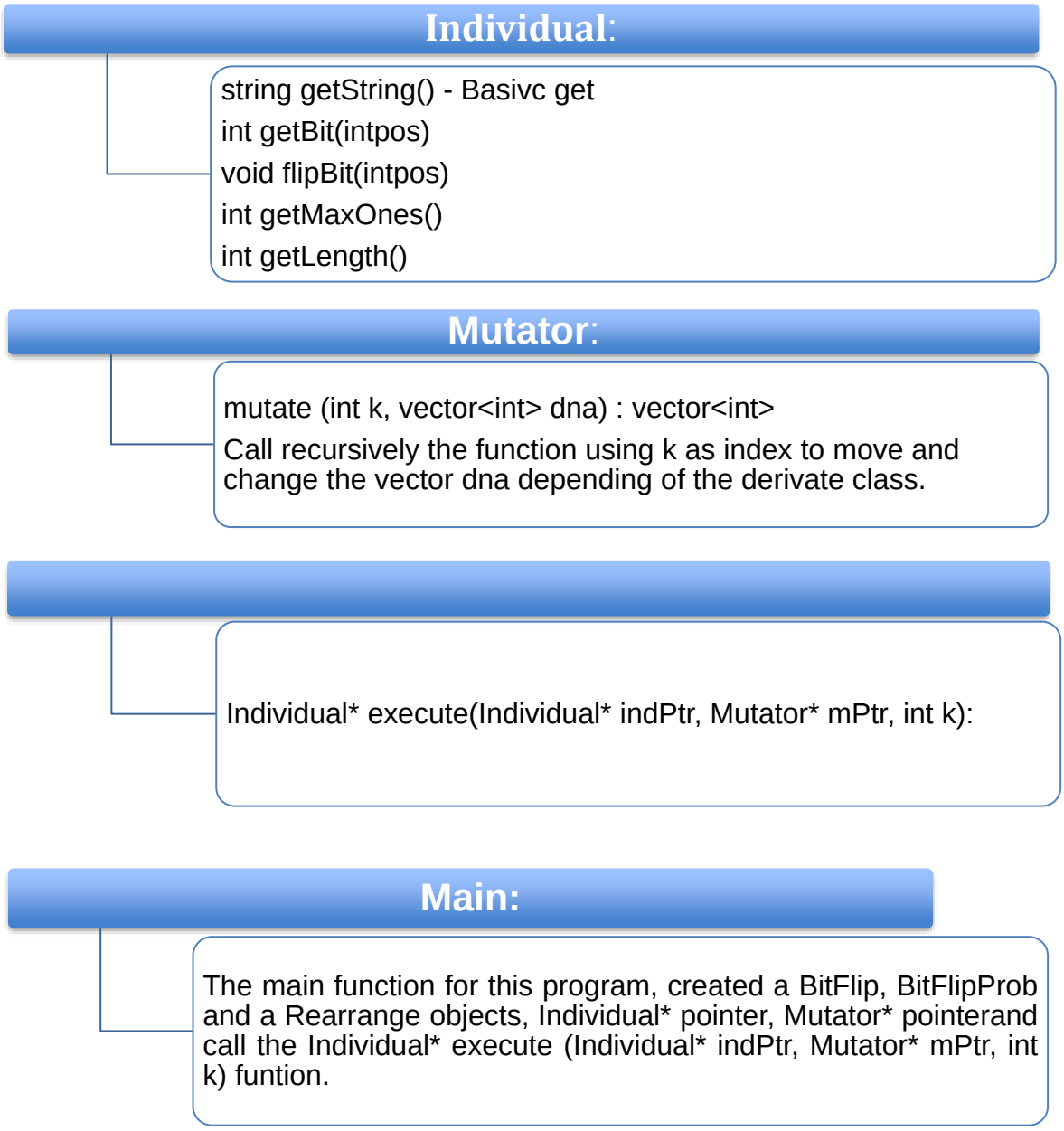
1. DIAGRAM OF CENTRAL CLASSES:



2. EXPLANATION OF CORE FUNCTION:



3. TESTING: Following is a description of the test cases that will be used to test my program.

Given input	Rationale	I expect output
000000 2 0111 2	Test the example input giving in the practical.	010000 1110 3
001100 7 011100 3	Test the second example input giving in the practical.	101100 110001 2