LABWORK 4
Due date: 23.59 25.02.2018

PART 1

1. Create a list of 20 integers in the main function. Then, write a function in the application scope that finds the average of the numbers in the link list. **Do not change** the link list class for this operation.

- If the links list changes after the function call, you will get 15 points
- If the links list remains same after the function call, you will get 20 points

float findAverage(IntSLList & list);

2. Create a list of 20 integers in the main function. Then, write a function in the application scope that finds the average of the numbers in the link list. **Do not change** the link list class for this operation

- If the links list changes after the function call, you will get 15 points
- If the links list remains same after the function call, you will get 20 points

float findAverage(IntSLList & list);

3. Use the main function given to you in order to test your program. If there is a compilation error, **do not change** the main function, please change the code you have written.

PART 2

3. In the class, create a method for adding an item at the third position (after the second item). If there is less then 2 items, insert the item to the first position. (30 pts)

   void IntSLList::addToThird(int el);

4. In the class, create a method for deleting an item at the third position (after the second item). If there there is less than 3 items, delete the last item. (30 pts)

   void IntSLList::deleteThird()

3. Use the main function given to you in order to test your program. If there is a compilation error, **do not change** the main function, please change the code you have written.