Semester: III

Group: I

COMPUTER PROGRAMMING

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1. Task topic

Create the program consisting of five classes and 4 topics from the
programming course. The program must be displayed as a window
application consisting of Graphical User Interface. The idea of the project can
be given by the student.

2. Project analysis

Program for tracking eating habits and workouts. Application has features: tracking
results, BMI calculator and generating result.

3. External specification

To compile program use commands:

make all

./health

4. Internal specification

The program demanded to choose appropriate classes which should consist of
necessary topics from the lecture.

The names and tasks of the classes were
chosen very simple because of bright perception of the topic.

Topics chosen:

- I/O Streams
- Templates
- Exceptions
- Inheritance

5. Source code

6. Testing