Midterm Exam Information

The final grade of the Introduction to CS course is based on the midterm exam grade (20%), the final exam grade (60%), and the homework assignments grades (20%).

The midterm exam will cover all the material that was covered in the course up to, and including, lecture 5-2 (including 2D arrays). Specifically, the exam covers:

* Everything that was discussed in the lectures
* Everything that was discussed in the recitations (תירגולים)
* Everything that was discussed in the homework assignments (HW1 – HW4).
* You will not be asked to explain or write programs that do graphics and animation, or use the Std classes. You should understand and know only the basic concepts.

Frequently asked questions:

**What about the book?** The book is optional. Material that was covered in the book but not in the lectures is not included in the exam.

**What about things like PageRank, physics engine, animation, etc.?** There will be no questions about specific applications / domains of knowledge. These applications are included in the course in order to provide an interesting context and motivation for programming examples.

**Do we have to memorize Java commands, APIs, etc.?** If you will need to use certain functions in the exam, like string processing functions, random functions, etc., we will provide the documentation of these functions. There is no need to memorize anything.

**What is the assumed mathematical knowledge for the exam?** Addition, subtraction, multiplication, division, modulo (remainder).

**Will there be open questions?** There may be some open questions that ask you to explain something.

**What is the best way to study for the exam?** Start by going through all the homework assignments (HW1 to HW4). Make sure that you understand everything that was required in these assignments. Then go through all the lecture slides and the recitation slides, and make sure that you understand all the programming examples and concepts that were introduced in the slides. **Another excellent practice for the exam is answering the sample midterm exam that we supplied.**

**Is the exam in Hebrew, or in English?** The exam is given in two versions: Hebrew and English. If you are in the Hebrew (International) track and you want to get the English (Hebrew) version, you must notify the CS secretary (מזכירות) in advance. Irrespective of which version you chose, you are welcome to answer any question either in Hebrew or in English.

**Which materials can I use in the exam?** Paper and pen only. The exam is closed books. Once again, if you will need some documentation, we will provide it. You can bring a dictionary, if you want, but you won’t need it.

**If I don’t understand some term, what can I do?** The course staff will be present to answer questions.

**Can I see a sample exam?** A sample exam is available.