



Assignment 1

Hand in a pdf file by Monday, 31 May 2010!

Exercise 1

Your daddy is proud of you going to university. He is financing your studies. He wants to understand and learn about some of the things you do. In a popular magazine about computing, he discovered a note on “raytracing”. He assumes you what it is, therefore he asks you to explain the principle, not the details.

Read about raytracing. Try to understand its principle. Write a text of about two pages that explains to your dad what you always wanted to know about You realize that you should avoid formulae, but still be precise.

Mention, in particular, what that ray is and how it is defined; the distinction of primary and secondary rays; the task solved with primary rays, and the job secondary rays are to solve. And, perhaps, how the ray finds out what the visible object is.

Put a little effort in this, otherwise you will not take anything out of the class. Discuss with others, if you like. Spend between 2 and 4 hours on this, no more. Hand in something in any case!

Be friendly and put something like the following heading on the first page of your submission:

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| TOPICS IN DIGITAL IMAGES Summer 2010 | MALCOM X | Exercise no. 1 Submitted 17 July 2010 |
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