

NachOS System Programming Project

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The Defense

- Will be on 28th i.e in 3 days...
- which you should spend preparing:
 1. Your slides and the oral presentation
 2. Your report which should be printed and attached and ready to handle
 3. The final version of your project including all your subprojects
 4. The demo

The Oral Presentation

- Lasts 30 min
- All group members should participate
- 30 min = in average 17 slides !

What Should You talk About during the Presentation?

- The most important and/or interesting implementation issues
- You should explain simply and talk about principles. Do not “read” the code.
- You should report what is done
- Discuss issues that you know how to deal with but did not have the time
- Talk about errors and their identified/possible causes

What You SHowd Not Is

- Explain about NachOS and how the initial version works
- Copy-paste plenty of code
 - Some short pieces are authorized

The General Structure of Your Presentation Should Be

- 1st slide : title + group members' names
 - You should say “hello” and present yourselves
- Presentation of your project management
 - How did you share the work? How much time have you spend on the different projects?
- 2 slide : Outline
- ... slides about the different projects
- Conclusion

One slide

- Lasts about 2 min
- Should have a well-chosen title
- Does not talk about too many issues
- Helps the speaker and the public because
 - it contains useful information
 - the speaker should not talk about too many things that are NOT on the slide
- For readability : caracteres should be big (at least 18pts)

Last but not least...

- This is a language exercise!
- You should speak and write in correct english
- You should follow a logical plan
- You should run a syntax correction software

You should know that...

- If you want to be clear
- and prevent situations where you don't know what to say
- and not to talk during 10 minutes without changing the slide
- and finish your oral presentation in the allowed 30 minutes...
- You should prepare it and rehearse it in advance!

Well here is a typical awful slide with an awful extremely long title



- Here I write something irrelevant
- Hope you won't do this during the defense
- OK?
- Let's put some code, and paste some stupid pictures

```
#include <iostream>

#include <string>
using namespace std;

string GetName()
{
    string FirstName, LastName, FN;

    cout << "Employee's First Name: ";
    cin >> FirstName;
    cout << "Employee's Last Name: ";
    cin >> LastName;

    FN = FirstName + " " + LastName;

    return FN;
}
```



- Here I will put a phrase that will be more than four lines long and will talk about something really obscure that has nothing to do with the subject of the slide and i will put some sytAX ERos and then i will bla bla just to fill in the blank space and maybe hope that the teacher does not see that I don't know what to put on my slide, waaaaaaa
- Again, Here I will put a phrase that will be more than four lines long and will talk about something really obscure that has nothing to do with the subject of the slide and i will put some sytAX ERos and then i will bla bla just to fill in the blank space and maybe hope that the teacher does not see that I don't know what to put on my slide, waaaaaaa

The Report

- Tackles more in detail all the issues you have presented orally
- Presents parts that you did not have the time to present
- Shows pieces of code
- Explains the technical details
- Is well written in correct english

The demo

- You should have a unique NachOS environment which compiles and works.
 - Laptops are allowed
- You should prepare the sequence of commands to type (tests) in order to show us your project
- Each test should show something relevant

The Questions

- May be during or after your presentation
- Are typically something like
 - How did you implement....?
 - How would you....?
 - How is ... done in NachOS?

In Order to Respect the Schedule

- Come early
 - in order to prepare your sessions
 - to connect to the projector
 - Always prepare a PDF version and a flash key, just in case your Linux/Mac/Windows decides to crash...

To Finish...

- Be presentable
- Don't talk with a chewing gum or with your hand in the pockets...
- However, don't worry too much...and
- GOOD LUCK!