Module 10

Case study
What is a Person?

Hey! I am a person. My name is Mike, I am male and 18 years old.
What can you do if you are a person?

M...m, I will let you know .... my name, my sex and my age
Since you are a person, how to “print” you?

Huh!!! Print me? Well, may be use a “string” to denote me, e.g. denote me as Person ("Mike", 'M', 18)
Oh yah ... I know you are also a Student ...

Yes, I am also a student. My name is Mike, I am male and 18 years old. My matriculation number is 12345 and I am Singaporean.
What else you want to tell me, related to students in UOW?

There are 2 types of students in UOW: local and foreigner students.
OK, a few words, to summary ....what is a Student?

In brief, I am a person with matriculation number and come from certain country.
What can you do if you are a student?

I will let you know all my particulars....
What shall we do .... now

• Suggest a class to describe a person
• Suggest a class to describe a student (think of sub-class or super-class)
• Think of operator overloaded to print out a person or student i.e. use of friend function
• Think of using the string class
• Why not use of STL ... a vector of students
• Think of apply whatever you have learnt today and put them in your design
• Etc etc ...
Thank you .... I hope you enjoy this workshop