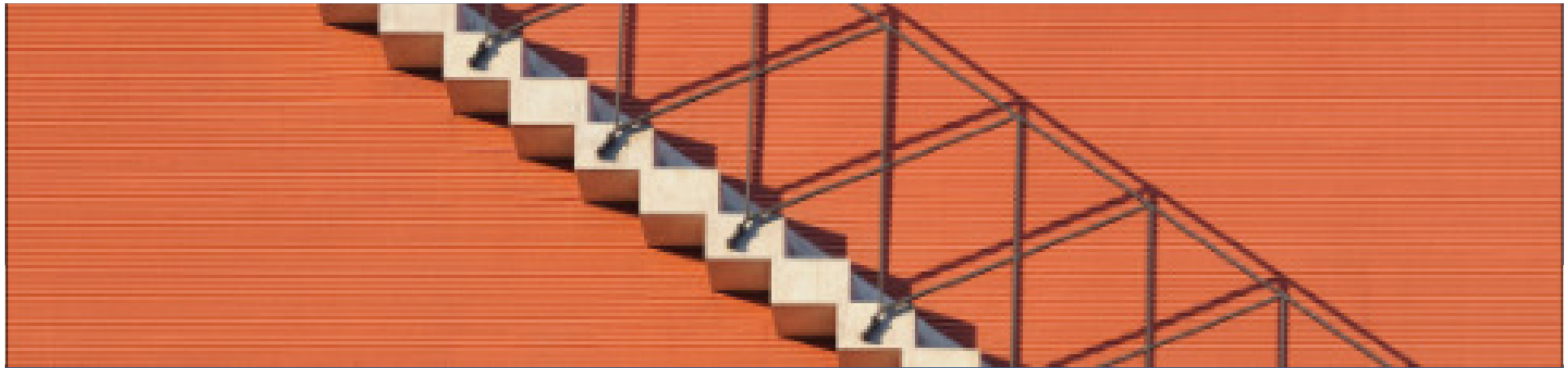
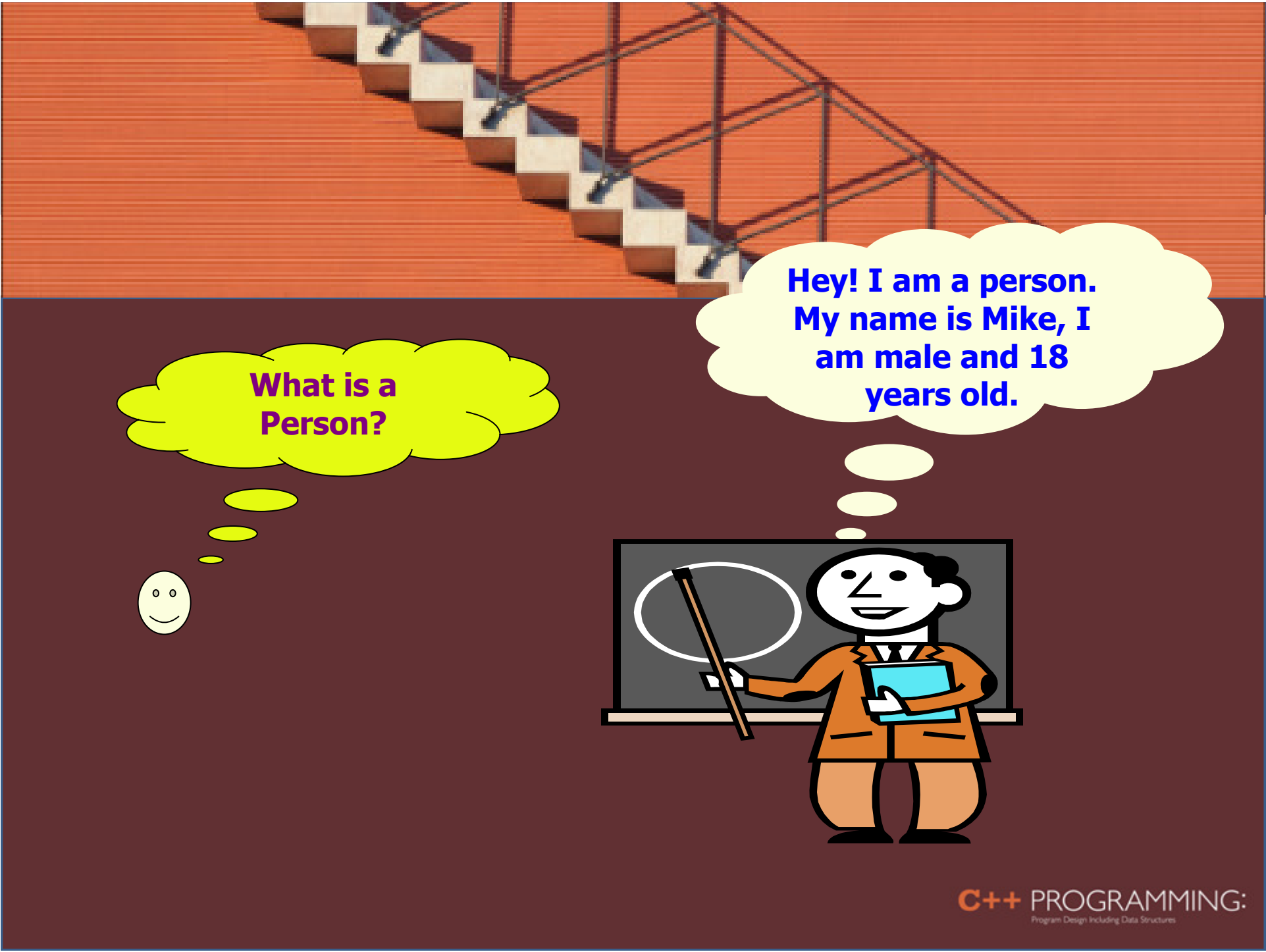




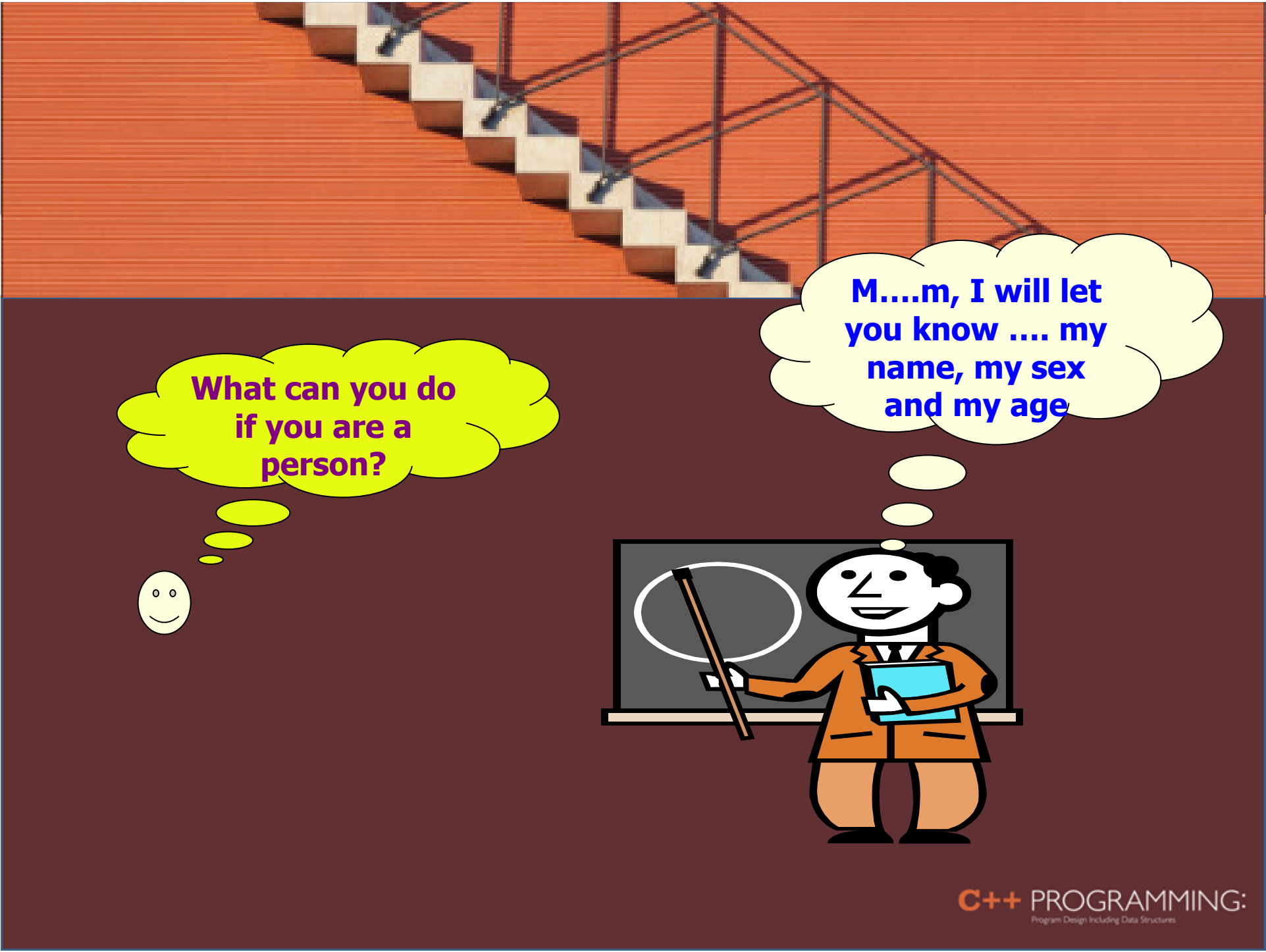
Module 10

Case study



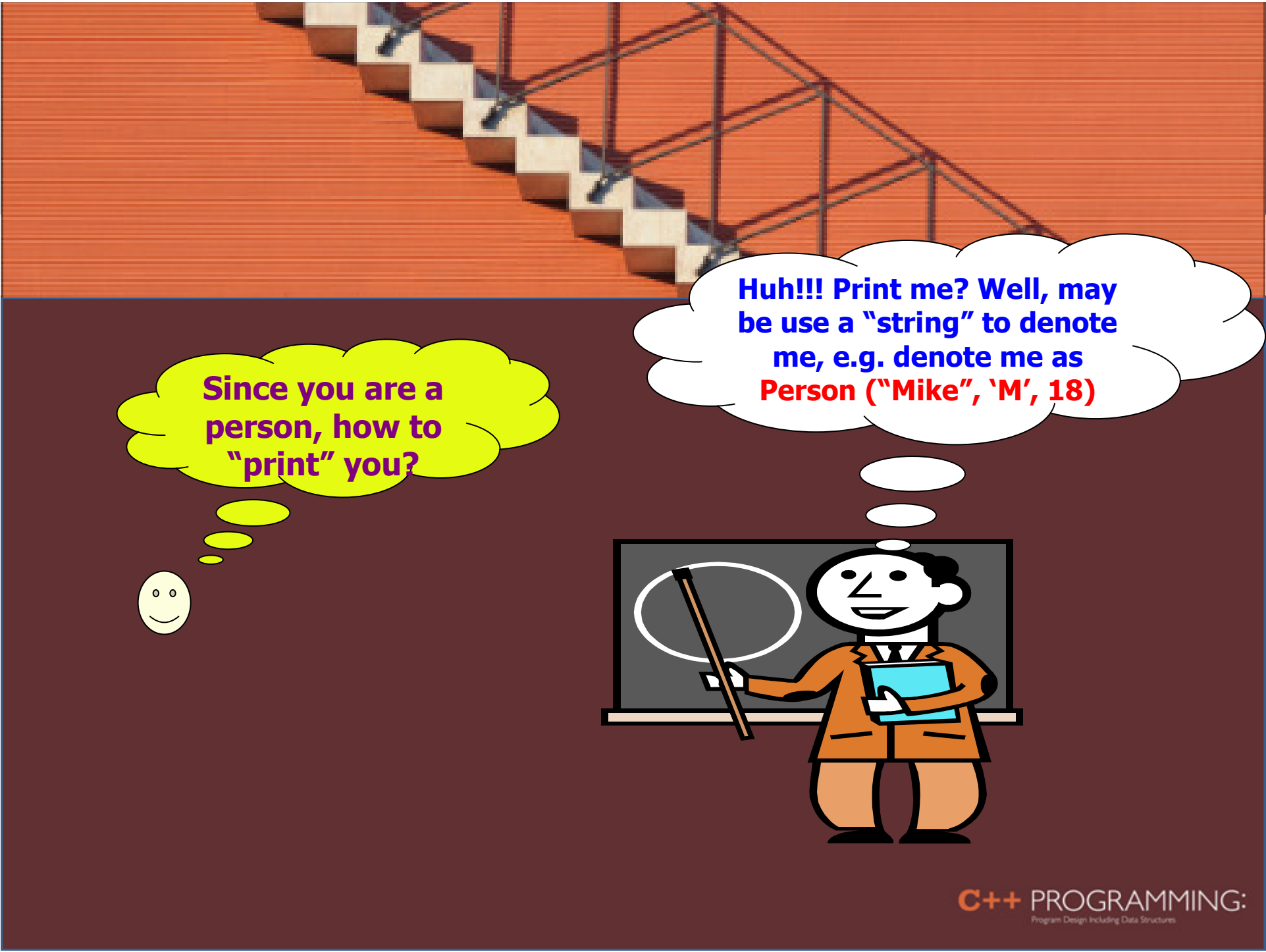
**What is a
Person?**

**Hey! I am a person.
My name is Mike, I
am male and 18
years old.**



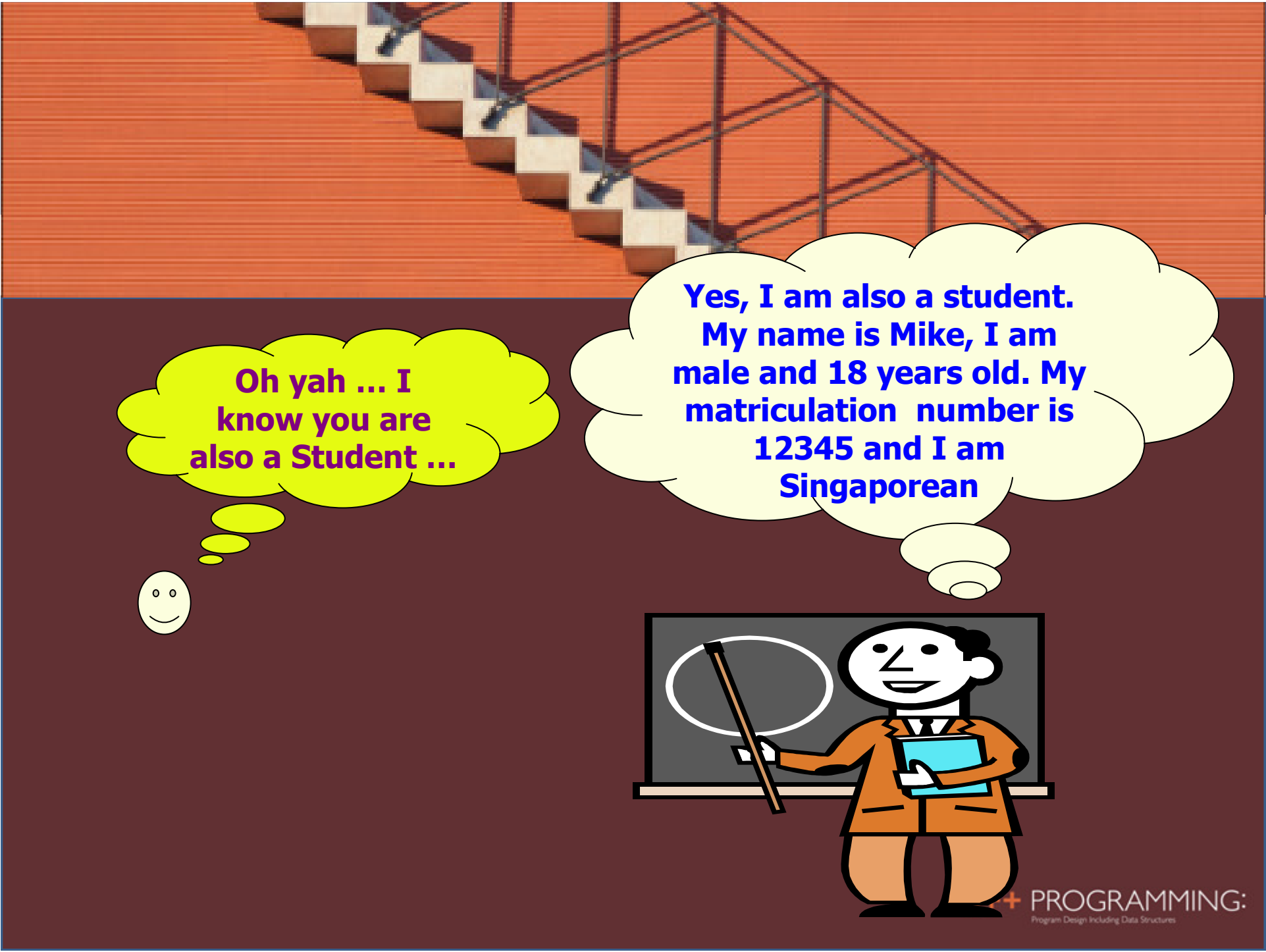
**What can you do
if you are a
person?**

**M....m, I will let
you know my
name, my sex
and my age**



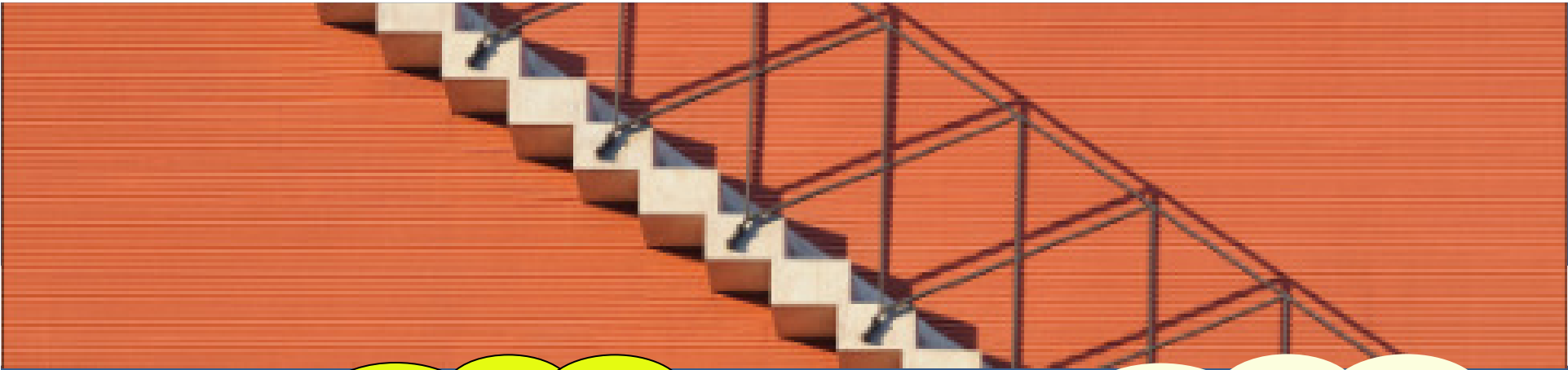
Since you are a person, how to "print" you?

Huh!!! Print me? Well, may be use a "string" to denote me, e.g. denote me as **Person ("Mike", 'M', 18)**



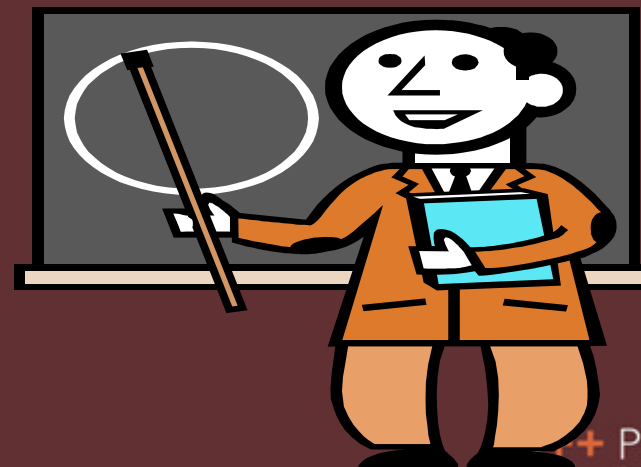
**Oh yah ... I
know you are
also a Student ...**

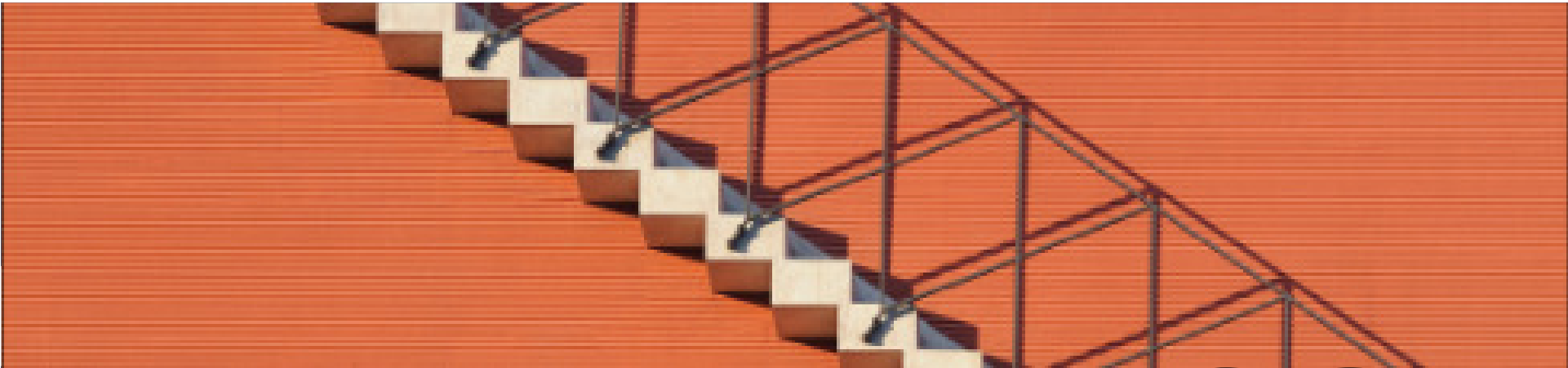
**Yes, I am also a student.
My name is Mike, I am
male and 18 years old. My
matriculation number is
12345 and I am
Singaporean**



**What else you want
to tell me, related
to students in
UOW?**

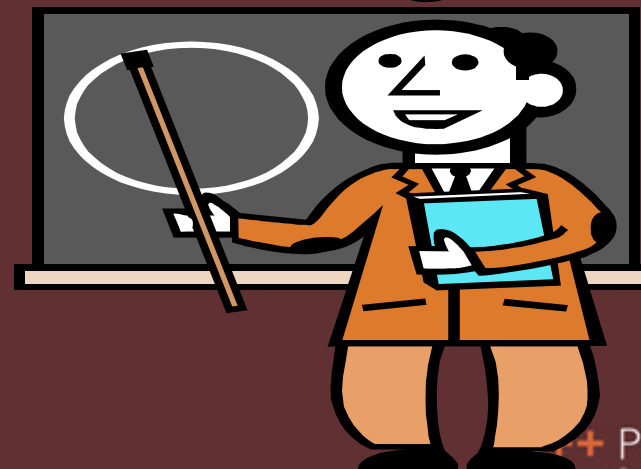
**There are 2 types of
students in UOW: local
and foreigner
students**

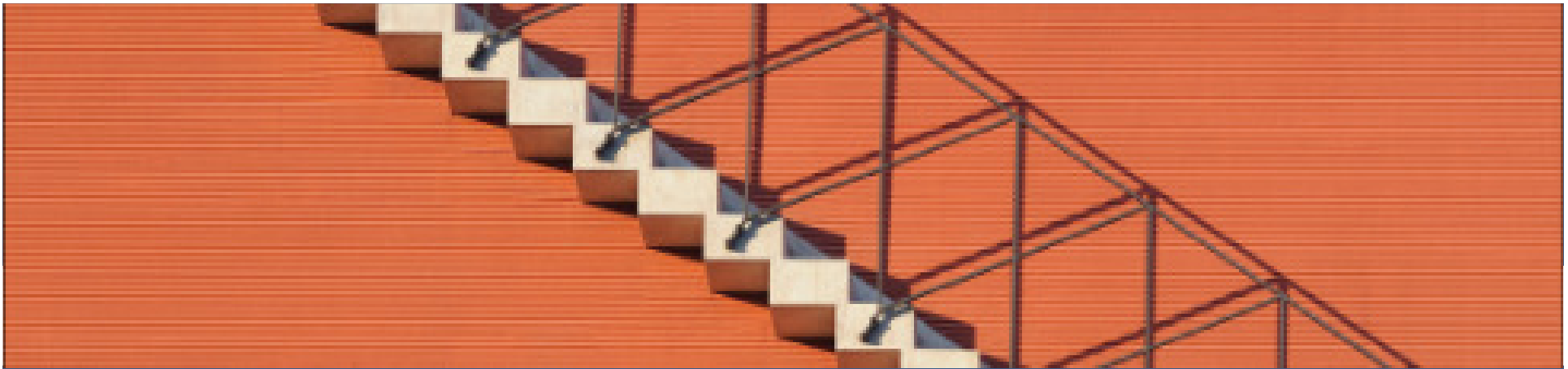




**OK, a few words, to
summary what is
a Student?**

**In brief, I am a person
with matriculation
number and come from
certain country**

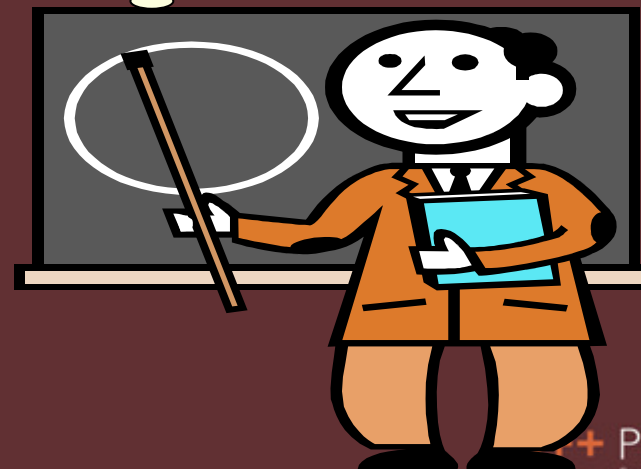




**What can you do
if you are a
student?**



**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 ...

