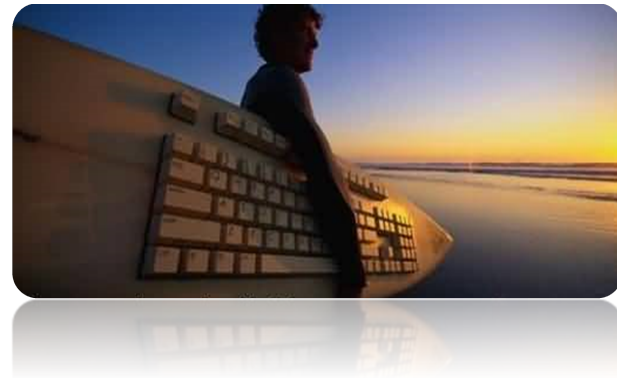


First handout

- What Computer Science is ?
 - The Software that Every Teenagers love.
 - Programmers use technology **to solve problems**,
They write software to make computers do new things or accomplish tasks more efficiently.



- Difference between C and C++?
 - The main difference between C and C++ is that **C is a procedural programming language that does not support classes and objects**. On the other hand, C++ is an extension of C programming with object-oriented programming (OOP) support.
- C++ in Robotics and self driven cars?
 - The **C/C++ language** is one of the most widely used programming languages in robotics. The Arduino microcontroller uses a programming language based on C and is a great way to learn the basics of this important language whilst doing hands-on robotics.

- Why C++?

- Moving to other languages is a bit easier while the opposite is not.
- Direct access to hardware resources and system functions.
- It is used in many applications.

➤ What Programming about?

- We Program the computer by giving it an algorithm.

Set of instructions we give to the computer to do something
" We have to be specific".

➤ What is the Computer science
field about ?

Computer Science is about **studying** of how computer thinks.