



UNIVERSITÀ DEGLI STUDI DI MILANO
FACOLTÀ DI SCIENZE E TECNOLOGIE

Bootstrap Day

PAGE 3

DEPARTMENT	COURSE	DESCRIPTION	PREREQS
COMPUTER SCIENCE	CPSC 432	INTERMEDIATE COMPILER DESIGN, WITH A FOCUS ON DEPENDENCY RESOLUTION.	CPSC 432



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Programme

11:15 Welcome

11:30 The scientific role of CS

12:00 Bureaucracy stuff / COSP / ESN / CUS

12:35 The master in CS

13:05 From student to student



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Benvenuti in Statale!

A short tour of the University
and a view on computer science
(master degree version)





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<http://orientamento.di.unimi.it/index.php/iniziative/bday>

Benvenuti in Statale!

**Don't
PANIC!**

What do you do at a University?

- A community of learners who study together



Università
degli Studi
di Milano

University
of Milan



Facoltà
di Scienze
e Tecnologie

Division of
Science and
Technology



Dipartimento
di Informatica

Computer
Science
Department

TEACHING

RESEARCH

3rd MISSION

University funding

- Italian Universities have been for long largely under-funded (~1,4% of GDP invested in R&D vs. 2-3% in EU/US/JP/...)
- Taxes paid by students only cover a small part of actual costs (<20% total funding, as imposed by law)
- University is thus paid for by people not attending it...
- Thus you have a **big responsibility**: complete your studies and make the most of what you learn!

Teaching organization

- Academic year organized in semesters, several courses per semester (frontal lectures / labs)
- Attending is not mandatory, although strongly advised
- 1 CFU = 25 (student) work hours:
 - 8 classroom + 17 individual study (frontal lessons)
 - 12 lab + 13 individual study (labs)
- Thus attending lectures is **not** sufficient
- **Studying is a full-time activity**

MSc is not Bsc

- More freedom (check on «Manifesto degli Studi»)
 - a heavily customizable curriculum
 - specific specializations
- As soon as possible, plan your thesis' work
 - more demanding, thus more challenging
- Studying abroad is extremely meaningful
- Possible collaborations as TA
 - «CS 101» for other bachelor degrees
 - course for BSc in computer science

Exams

- Each course requires one or more exams
 - written (sometimes substituted by partials)
 - oral
 - project
- Exams are planned at specific dates (appelli): Jan Feb Jun Jul Sep
- Six possibilities (for each course) per year: don't just try them! Moreover, signing up without actually showing up might pose logistic problems

Some pointers

- Teaching office / Ufficio per la didattica
 - via Celoria 18 (ground floor)
- Timetable: <http://easystaff.divisi.unimi.it/PortaleStudenti/>
- Web
 - <http://www.di.unimi.it>
(CS department / Dipartimento)
 - <https://www.unimi.it/en/education/faculties-and-schools/science-and-technology/computer-science-and-technology>
(Teaching division / Collegio didattico)
- Student's guide
https://www.unimi.it/sites/default/files/2020-09/Welcome_ENG_Web_2020_2021_0.pdf

Important places

- Via Celoria 18: CS department + classrooms



Important places

- Settore didattico and via Golgi: classrooms



Important places

- Via Venezian 15 (didatteca): classrooms



Student/teacher communication

- Check beforehand if it is more appropriate to ask to someone else (e.g., teaching office) and if the info is already published somewhere
- Vis à vis (during classes or at office hours)
- Using e-mail, via your address *name.surname@studenti.unimi.it*
 - be clear, concise, and specify a subject
 - write clearly your name, surname and course
 - send only one message

Some tips...

- Learn how to manage time
- Find your way to approach learning
- Learn how to work in groups and individually, attend labs, discuss with other students and with TAs
- Get informed about teaching opportunities (elective courses, seminars, additional lectures) and learn how to develop practical skills autonomously



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A look at Computing



Concept map



<https://tinyurl.com/bday-en-unimi-2021>

Concept map

HARDWARE
how digital computers
are done

Concept map

HARDWARE
how digital computers
are done

SOFTWARE

- system
- application

Concept map

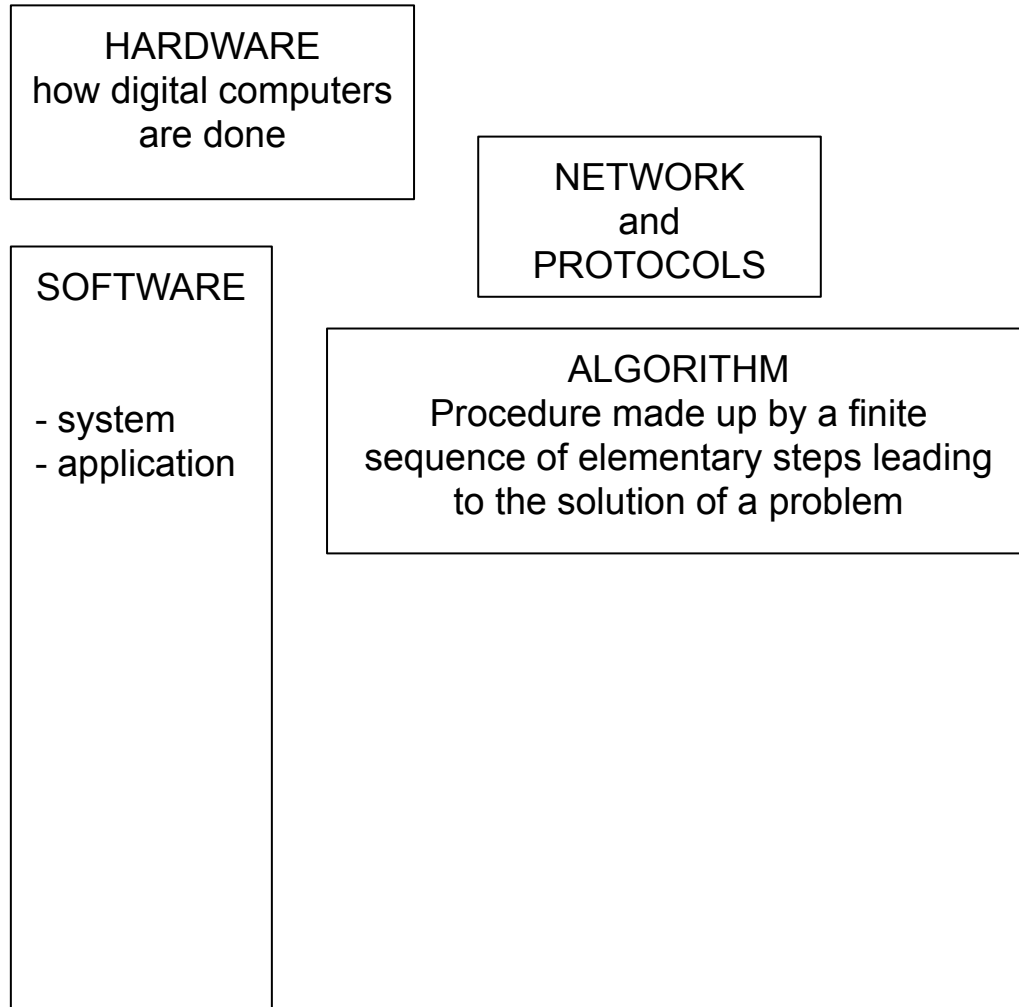
HARDWARE
how digital computers
are done

NETWORK
and
PROTOCOLS

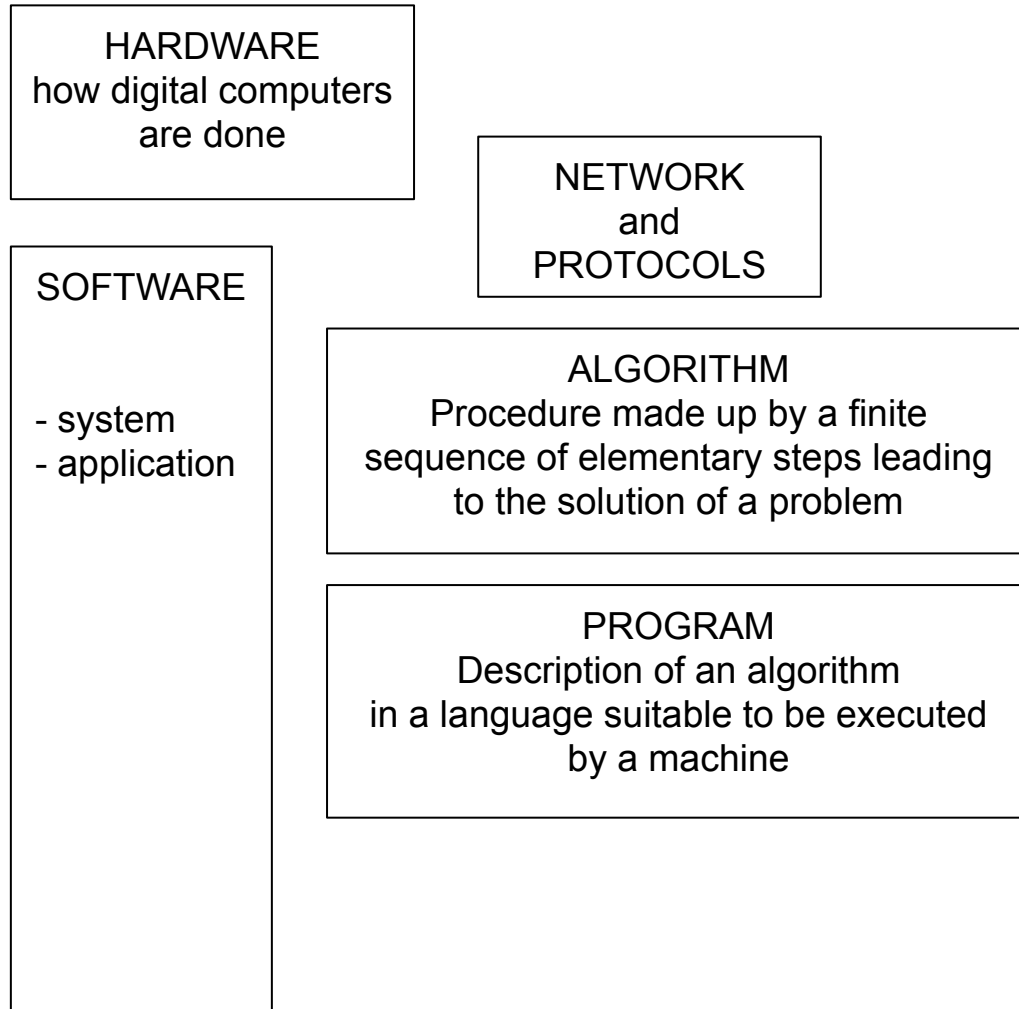
SOFTWARE

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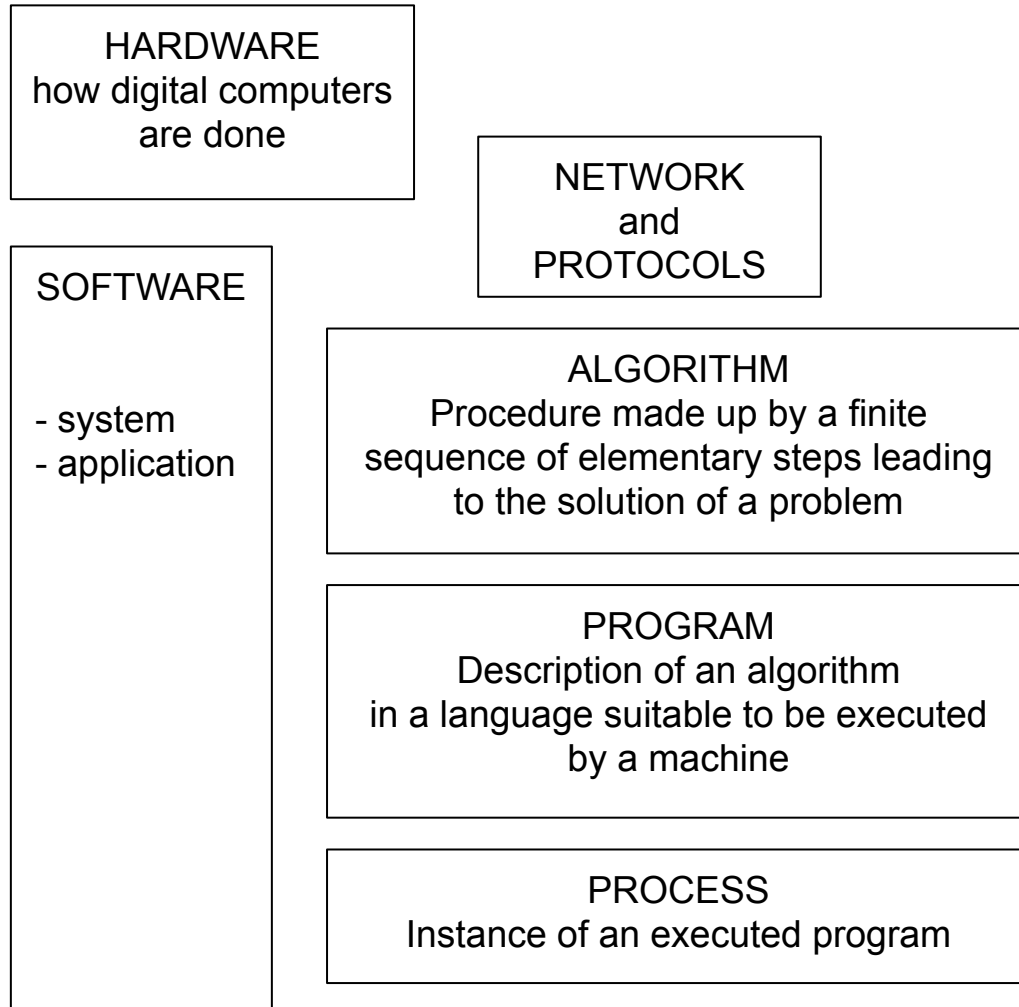
Concept map



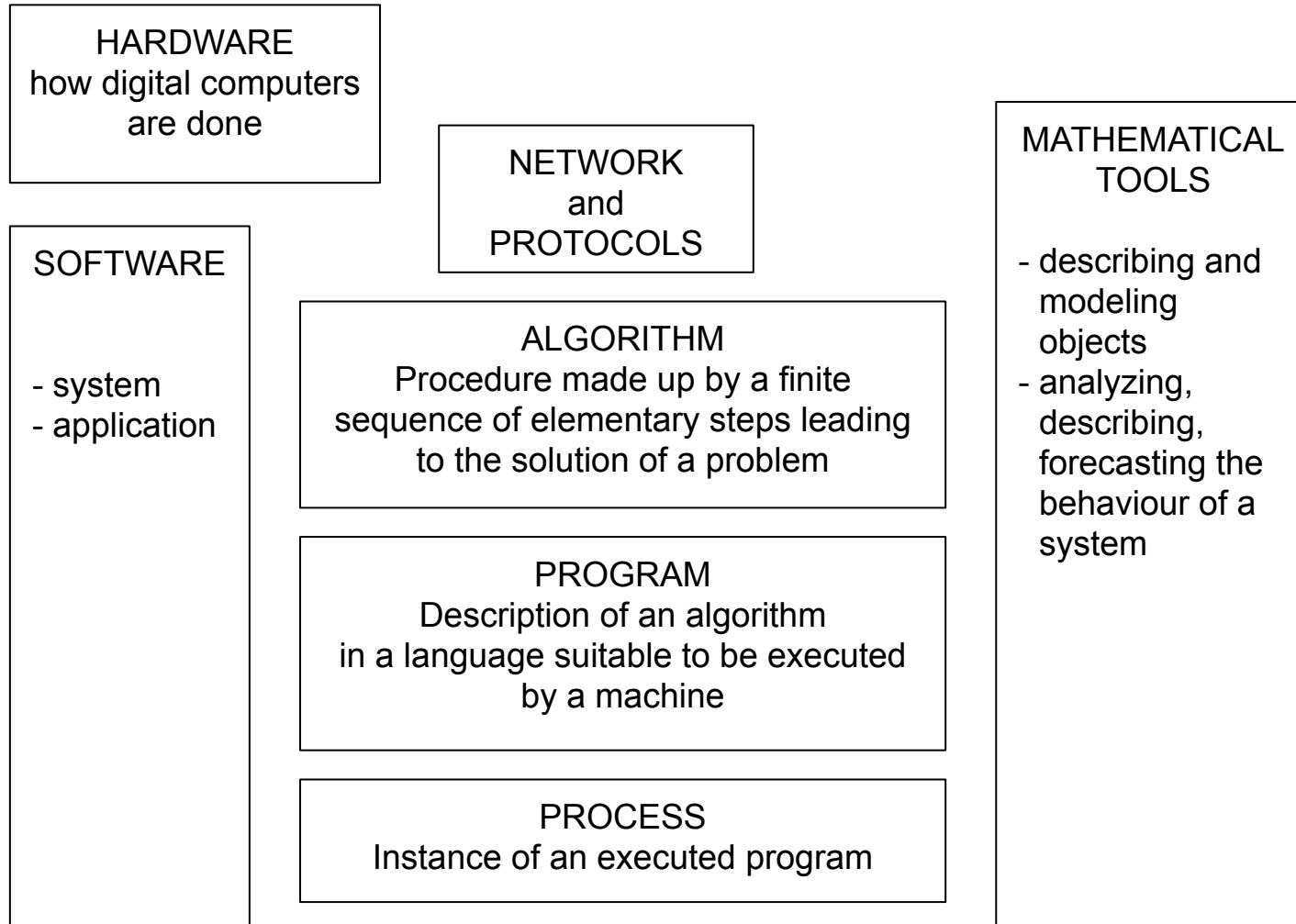
Concept map



Concept map



Concept map



Concept map

