Web Technologies

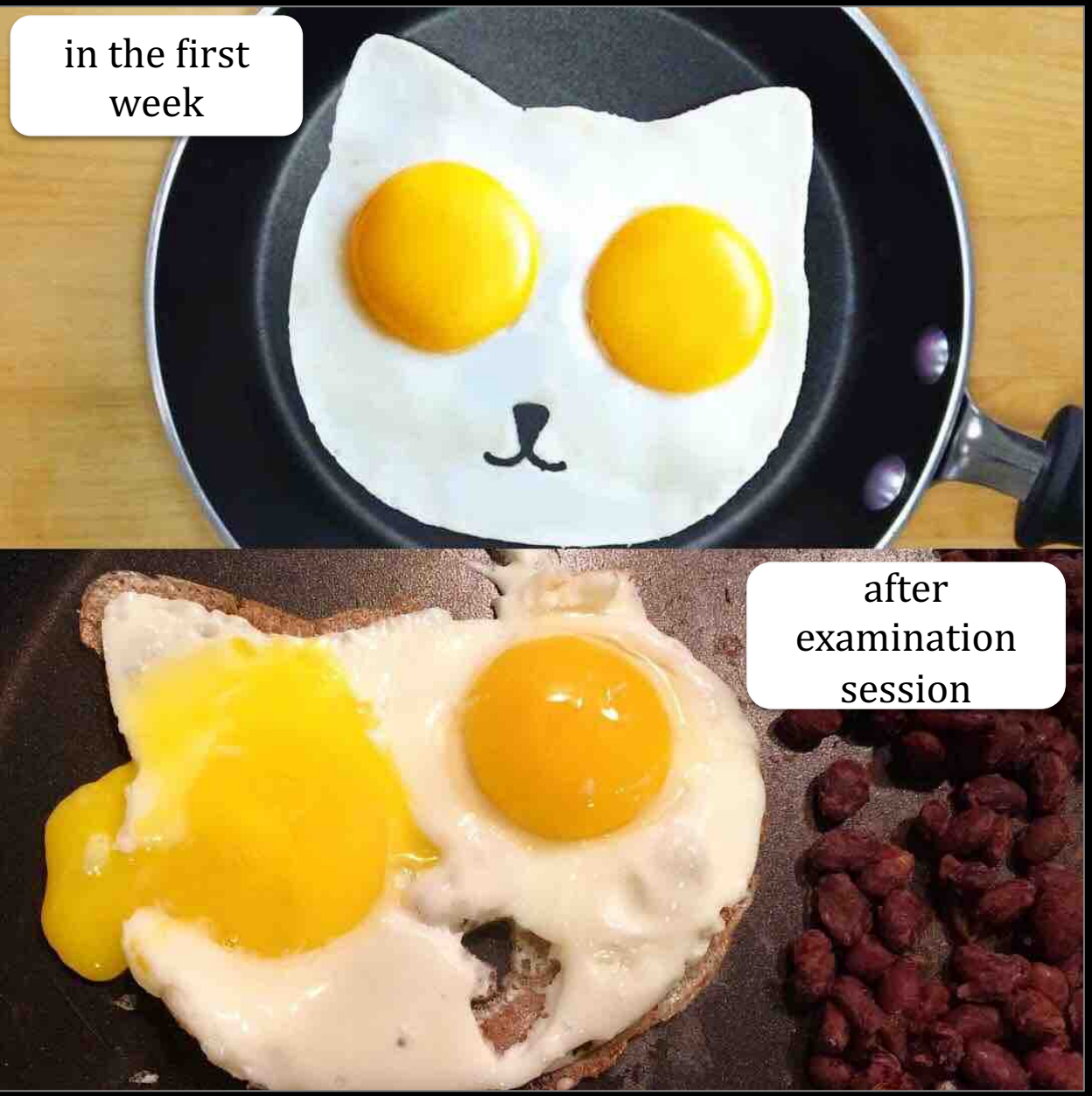
organizational matters

Prof. Sabin Corneliu Buraga – profs.info.uaic.ro/sabin.buraga/
Assoc. Prof. Andrei Panu – profs.info.uaic.ro/andrei.panu/

Web, URI, development, POST, design, XML, proxy, N-tier, HTTP, browser, DOM, resource, XSS, SID, application, CSS, meta-data, SOA, service, JSON, framework, WS, CGI, data format, GET, SSI, 303, mark-up, Web stack, representation, JWT, promise, cookie, SLA, push, Ajax, tag, mash-up, MVC, social, GraphQL, MIME, PI, schema, REST, deployment, HTML, model, XPath, LAMP, session, WebIDL,…?

¯_(ツ)_/¯

It is not a problem if you do not know!



imgur.com/PG4B1fJ

some of you will know at the end of this course, others…😱

The course – **6 credits**, 96 hours of individual study - will be divided in:

basic knowledge

mandatory

advanced knowledge

optional

Web Technologies course website
(syllabus, rules, resources, contact,…)

profs.info.uaic.ro/andrei.panu/courses/web/

Topics•

important **concepts** and **WWW architecture**
HTTP protocol + cookies and sessions
HTML markup language + **CSS** stylesheets **[laboratory]**
Web engineering: Web design and architectures, MVC *et al.*
Web programming: application servers – example: **PHP**
data modeling via **XML**
process HTML and XML using **DOM** *et al.*
from **SOA** to **Web** (micro-)**services**: **REST + GraphQL**
Web interaction: Ajax *et al.* + mash-ups
(more) advanced aspects of Web application development

• depending on the degree of interest, the topics and the syllabus may vary

Evaluation:

❀ **project – P**

architecture + working solution + demo (examination session)

any open technology in PHP; frameworks are not allowed
developed exclusively in a team (2 members)

! more details on the website

Evaluation:

- **written test – T**

optional and individual

topics from the subjects taught in the course + lab (after week #10)

! more details on the website

Evaluation:

final score

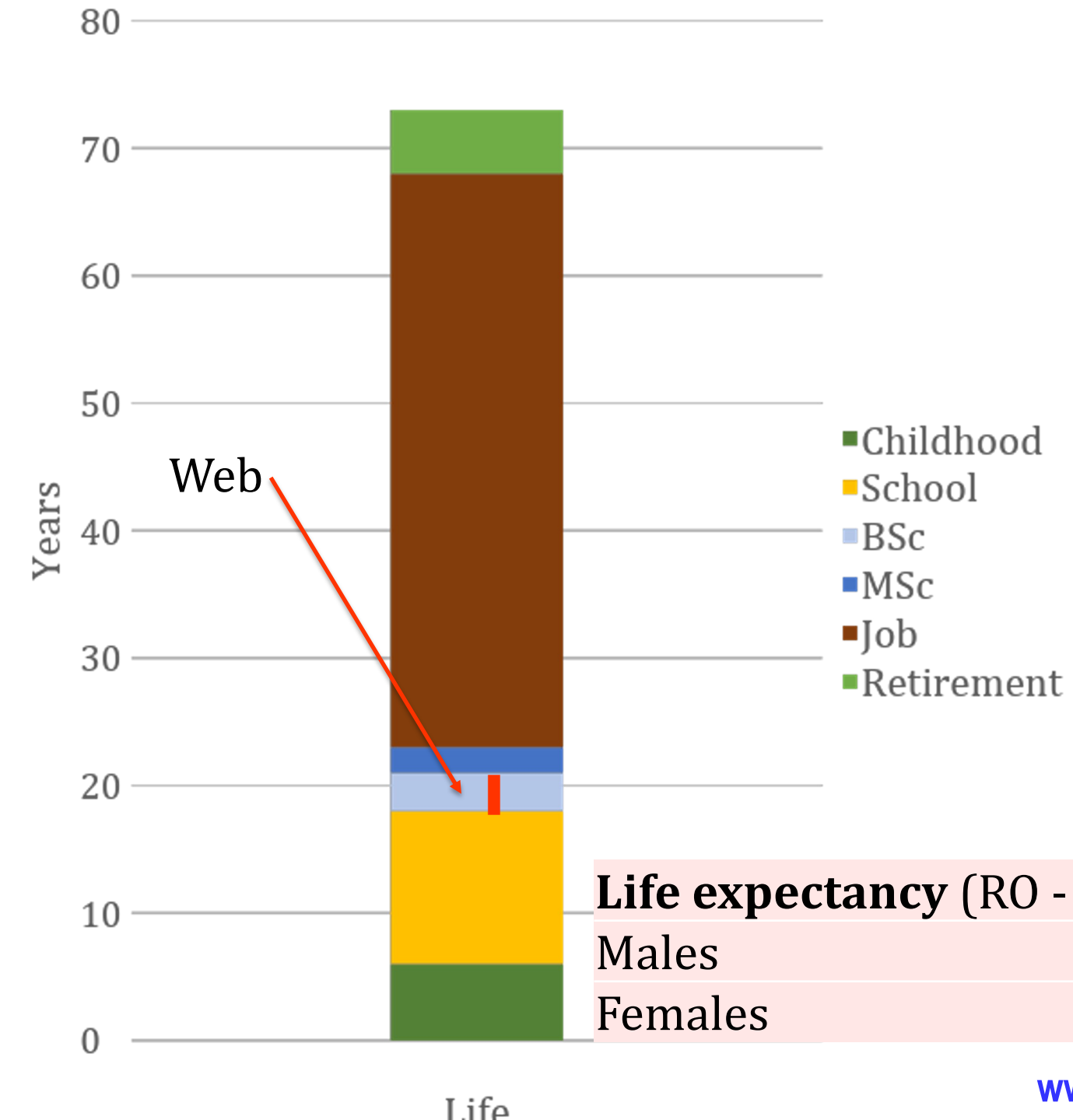
FS = round(**P** * 0.8 + **T** * 0.3)

with **P ≥ 5** and **T ≥ 5**

🏆winning condition (pass):

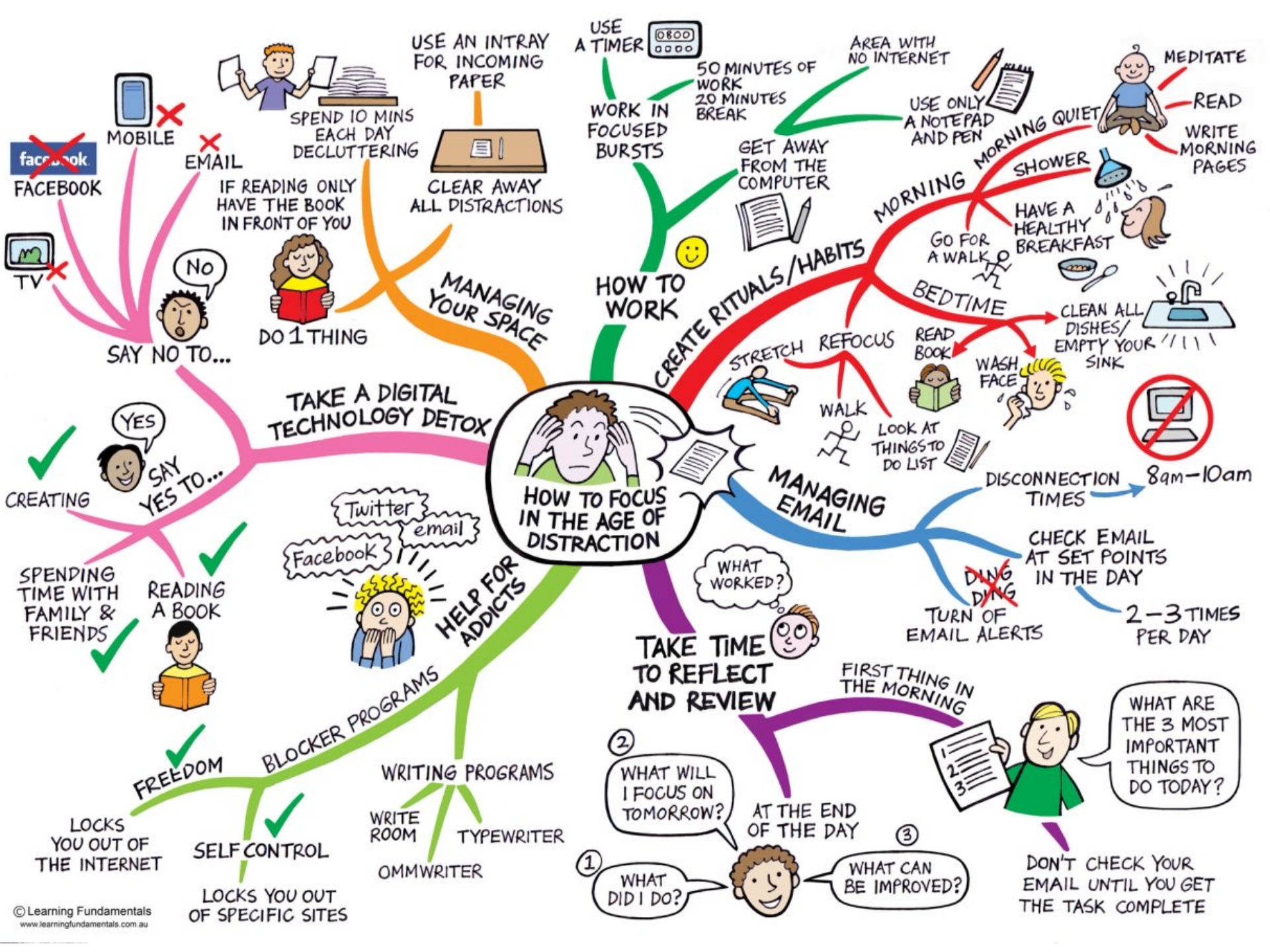
FS ≥ 5

! more details on the website



Life expectancy (RO - 2021)	**72.8**
Males	69.2
Females	76.5

www.who.int/countries/rou/


HOW TO FOCUS IN THE AGE OF DISTRACTION
MANAGING YOUR SPACE
USE AN INTRAY FOR INCOMING PAPER
SPEND 10 MINS EACH DAY DECLUTTERING
CLEAR AWAY ALL DISTRACTIONS
IF READING ONLY HAVE THE BOOK IN FRONT OF YOU
DO 1 THING
HOW TO WORK
USE A TIMER
50 MINUTES OF WORK 20 MINUTES BREAK
WORK IN FOCUSED BURSTS
AREA WITH NO INTERNET
USE ONLY A NOTEPAD AND PEN
GET AWAY FROM THE COMPUTER
CREATE RITUALS/HABITS
MORNING
MORNING QUIET
MEDITATE
READ
WRITE MORNING PAGES
SHOWER
HAVE A HEALTHY BREAKFAST
GO FOR A WALK
BEDTIME
CLEAN ALL DISHES/ EMPTY YOUR SINK
READ BOOK
WASH FACE
STRETCH
REFOCUS
WALK
LOOK AT THINGS TO DO LIST
MANAGING EMAIL
DISCONNECTION TIMES
8am–10am
CHECK EMAIL AT SET POINTS IN THE DAY
2–3 TIMES PER DAY
DING DING
TURN OF EMAIL ALERTS
TAKE TIME TO REFLECT AND REVIEW
WHAT WORKED?
FIRST THING IN THE MORNING
WHAT ARE THE 3 MOST IMPORTANT THINGS TO DO TODAY?
DON'T CHECK YOUR EMAIL UNTIL YOU GET THE TASK COMPLETE
AT THE END OF THE DAY
1
WHAT DID I DO?
2
WHAT WILL I FOCUS ON TOMORROW?
3
WHAT CAN BE IMPROVED?
HELP FOR ADDICTS
Twitter
email
Facebook
BLOCKER PROGRAMS
FREEDOM
LOCKS YOU OUT OF THE INTERNET
SELF CONTROL
LOCKS YOU OUT OF SPECIFIC SITES
WRITING PROGRAMS
WRITE ROOM
TYPEWRITER
OMMWRITER
TAKE A DIGITAL TECHNOLOGY DETOX
SAY NO TO...
MOBILE
EMAIL
FACEBOOK
TV
NO
SAY YES TO...
YES
CREATING
SPENDING TIME WITH FAMILY & FRIENDS
READING A BOOK
© Learning Fundamentals
www.learningfundamentals.com.au