

DASF004

Basic and Practice in Programming

Lecture 0

Orientation and Introduction

## Online Course Information

- Available on iCampus
- Course information: including powerpoint slides, syllabus, other handouts

# Agenda

- Course arrangement
- COVID-19 Information
- Course syllabus
  - General Information
  - Schedule
  - Intended Learning Outcome
  - Grading
  - Expectation
  - Class Policy
- Brief introduction of course topics

# Course Arrangement

Start of semester: Delay for one week

End of semester: Delay for one week

March 9 – June 12

Final exam week: 15 – 19 June

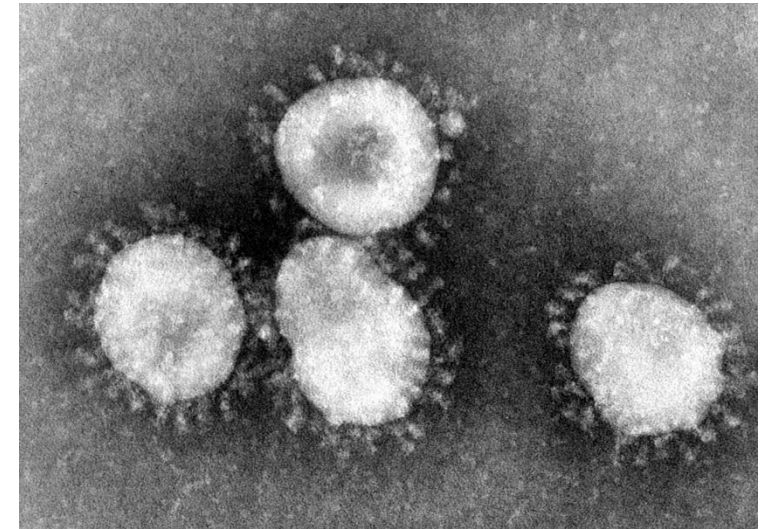
First 2 weeks – online class

March 9 – March 20

Third week arrangement???

To be announced

# COVID-19



- Coronavirus
- Similar to SARS and MERS
  - SARS outbreak – 2003
    - Over 8000 cases worldwide, over 750 deaths, death rate over 9%
  - MERS outbreak – 2015 in Korea
    - 186 cases in Korea, 36 death, death rate 19.35%

## COVID-19 – Signs and symptoms

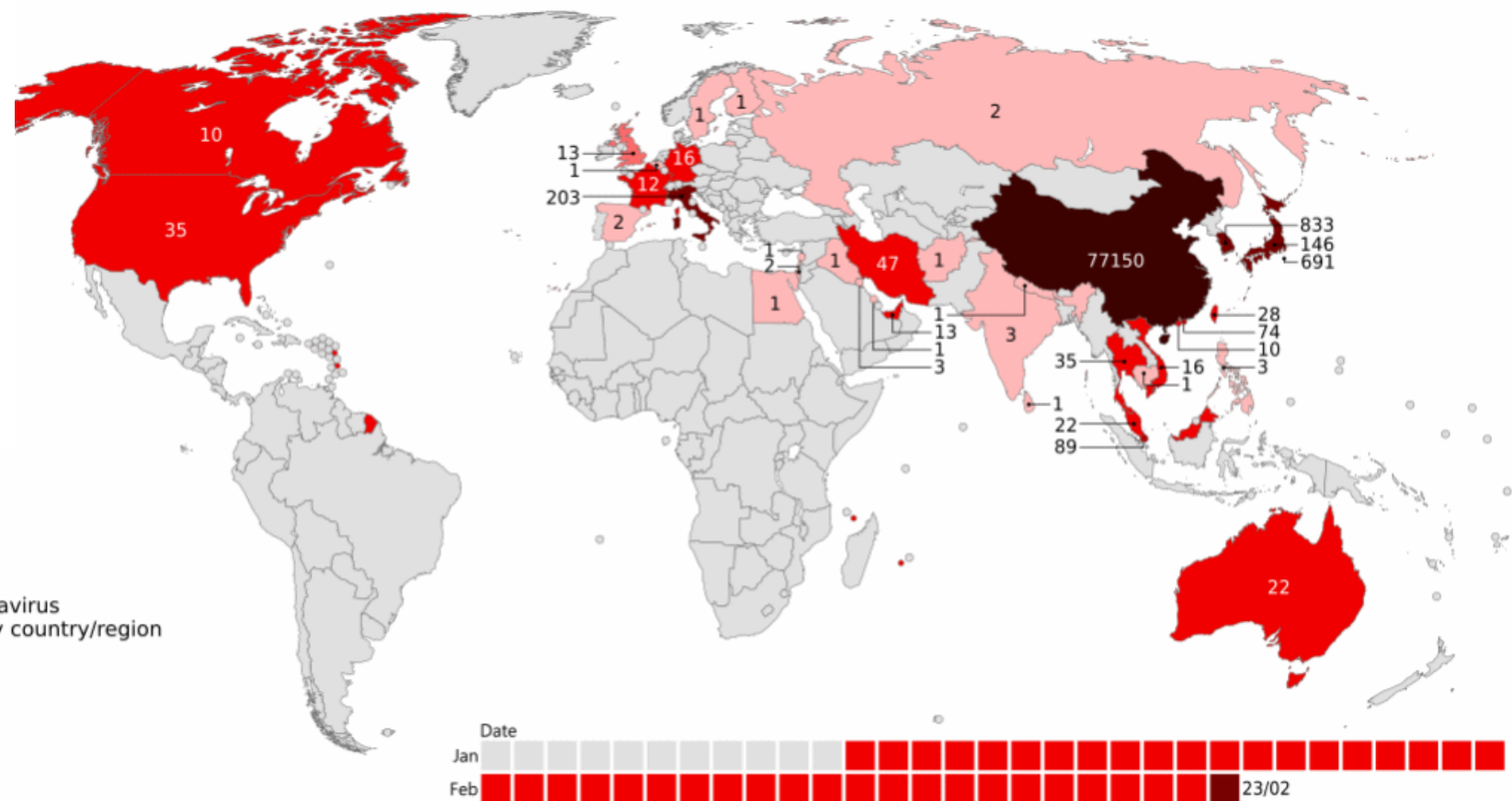
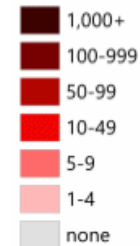
- Cough, fever, shortness of breath (호흡 곤란)
- Some infected people do not have any symptom!!!

# COVID-19 Current Situation...

2019–20 coronavirus outbreak by country and territory<sup>[26]</sup>

Country or territory <sup>[a]</sup>	Confirmed	Deaths	Recoveries <sup>[b]</sup>
 Mainland China <sup>[c]</sup>	77,150	2,593	24,977
 South Korea	833	8	22
International conveyance <sup>[d]</sup>	691	3	1
 Italy	229	7	2
 Japan	154	1	23
 Singapore	90	0	53
 Hong Kong	81	2	19
 Iran	61	12	3
 United States	53	0	5
 Thailand	35	0	21
 Taiwan	30	1	5
 Australia	22	0	11
 Malaysia	22	0	18

COVID-2019 Coronavirus confirmed cases by country/region



# COVID – What we know so far

- We don't know a lot right now ...
- A LOT MORE contagious comparing with SARS and MERS
  - $R_0 = 2 - 4.8$
  - If  $R_0 = 4$ ; 1 -> 4 -> 16 -> 64 -> 256 -> 1024 -> 4096
- Death rate is lower (estimated to be about 2-3%)
- May cause permanent damage to the lung
- Test of the virus is not very reliable

# COVID-19 – How it is spread

1. Air droplet (VERY high risk)
2. Indirect touch (VERY high risk)  
Infected through mucous membrane (점막)  
Eyes and nose!
3. Fecal (i.e. stool and urine)
4. Aerosol ??? (we don't know)





# COVID-19 – How to prevent

1. Air droplet (VERY high risk)
  - **Social distancing (VERY IMPORTANT!!!)**
    - Range of air droplet is 2 meter
  - **Avoid crowded places (VERY IMPORTANT!!!)**
2. Indirect touch (VERY high risk)
  - **Wash you hand (VERY IMPORTANT!!!)**
  - **Do not touch your eyes and nose (VERY IMPORTANT!!!)**
3. Fecal (i.e. stool and urine)
4. Aerosol ??? (we don't know)
  - Wear a mask

# COVID-19 – Cluster cases

- Family clusters
  - One member got infected, the whole family got it
- Dinner gathering
  - You create a lot of air-droplet when you eat (and talk!)
  - Dinner is close contact (within 2 meters)
  - Air-droplet contaminate the area (-> indirect touch)
- Religion gathering
  - Close contact in crowded area
- Hospital
- Other high risk locations
  - Crowded travel terminals (bus/train station)
  - Public toilet

# COVID-19 – Take Home Message

## 1. WASH YOUR HAND!!!

Wash with water and soap is better

Carry a portable hand sanitizer

## 2. Do not touch your eyes and nose

Wash your hand before touching

## 3. Avoid social contact

## 4. Wear a mask as much as possible

Prevent possible aerosol transmission

Prevent spreading the disease

**Prevent your hand touching your nose!**

**If every one of us do it together, we can win this!**

# Syllabus

- All rules in the course are clearly written in the syllabus
- Treat the syllabus as a contract to the course (between you and me)
- Read this VERY CAREFULLY – If you wanna win the game, know the rules
- This is your first reading assignment
- You may find the questions you're going to ask in the syllabus
  - Can you accept my assignment late?
  - What if I miss a class?
  - etc...

# Textbook

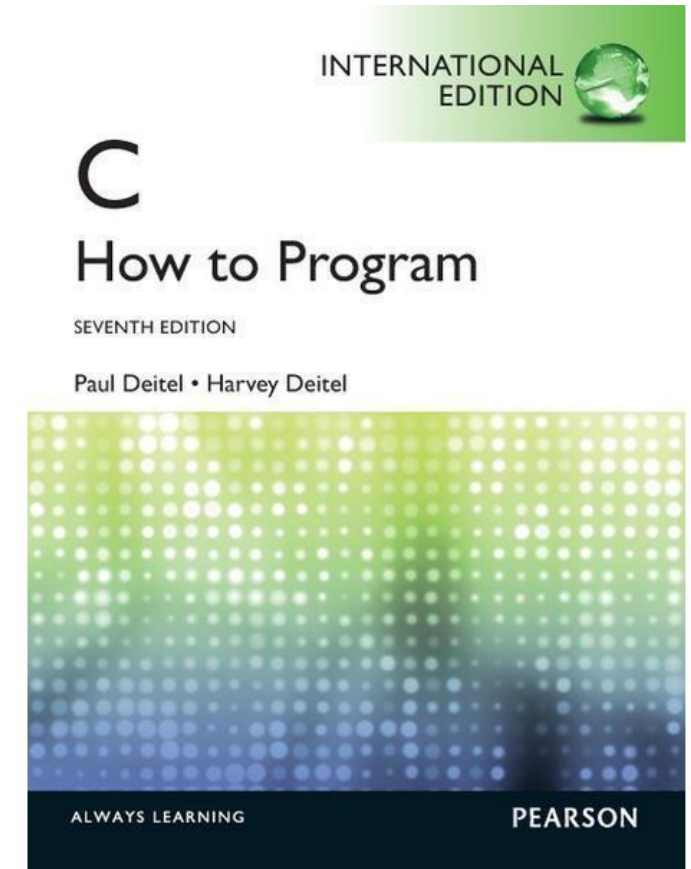
Textbook: C How to Program 7<sup>th</sup> (Paul Deitel & Harvey Deitel)

[www.pearsoninternationaleditions.com/deitel](http://www.pearsoninternationaleditions.com/deitel)

[www.deitel.com/books/chtp7/](http://www.deitel.com/books/chtp7/)

Textbook Policy:

- I don't enforce textbook purchase mandatory
- You can choose other textbook(s), or other online resources
- If you don't buy the textbook, you bare your own responsibility
- i.e. “*I don't have the textbook*” will not be a valid excuse for not doing the assignments, not studying for the exam, etc ...



# Attendance

- Students are required to attend all class and lab session.
- If a student will miss class for:
  - medical reason, student must inform the instructor as soon as possible. Upon returning to the class, the student must present proper medical documentation.
  - emergency reason, student must present proper documentation.
  - non-medical reason, student must inform the instructor in advance, and permission will be granted on a case by case basis.
- Student must present proper medical documentation within 2 weeks.
- Documentation presented after 2 weeks will not be accepted, and you will be counted as absent.
- Only Absence with DOCUMENTATION will be considered.
- Oral excuse will not be considered.
- ***If you miss class(es), it will be your responsibility to find out what materials were covered, what works were assigned, what handouts were missed, and all class announcement during your absence.***
- Attendance will be taken electronically
- **If you do not have your phone or your laptop, you should come to me immediately after class**
- Attendance cannot be made-up

# Attendance

- *If you miss class(es), it will be your responsibility to find out what materials were covered, what works were assigned, what handouts were missed, and all class announcement during your absence.*
- Attendance for Lecture
  - Recorded by the Electronic Attendance System
- Attendance for Lab
  - Recorded thru your lab exercise submission
- According to university policy, **an F Grade** will be given to students who attend less than **75%** of total number of class automatically.

# Academic Honesty

- Plagiarism (taking ideas and writing without citation) and cheating are strictly prohibited. No points will be given for each case.
  - Student cannot supply or use work or answers that are not one's own.
  - BOTH providing and/or accepting assistance in examinations is violation of academic honesty.
  - You may discuss homework assignments with other students, but you must follow collaboration policy strictly. The assignments you submit must be entirely your own work.
  - Penalties in course grade will be imposed in all incidents of academic honesty. All incident of academic honesty is subjected to disciplinary action through the relevant academic unit.
- You are free to give or receive help when doing homework assignments, but you must follow the restrictions as follow:
  - Only the helper can look at the code of others. Student who is receiving help must not look at the code of the helper;
  - Student who is receiving help must do all the typing herself/himself. Helper must not touch the computer of the student who is receiving help; and
  - All student can not post your code through the internet, nor send your code to other students.





# Interacting with students

- Feel free to ask questions when they arise
  - Always ask question if you're not sure, even if it is just a slight hesitation
  - Asking questions are FREE!!! (You've already paid for it through tuition)
  - There is no stupid question (Stupid people don't ask question)
  - You may ask question after the lecture
- Feel free to drop by my office
- Email would be the easiest way to reach me

# Frequently Asked Questions (FAQ):

Q: I missed the class last week. Can I make up the attendance?

A: You will be given credit for the attendance **only if** you supply the documentation for the absence (e.g. medical certification on that date, letter from university/army)

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Q: I missed the class three weeks ago, and I have the medical documentation. Can I make up the attendance?

A: No. You should give me the documentation within 2 weeks.

# Frequently Asked Questions (FAQ):

Q: I forgot to submit the in-class assignment during class. Can you accept my in-class assignment?

A: No. When you miss it, you miss it.

Q: I was late to class. Can I submit the in-class assignment late?

A: No. If you miss it during class time, then you miss it and it cannot be made up.

Q: I did not pay attention in class and I missed the in-class assignment. Can I submit the in-class assignment late?

A: No. If you miss it during class time, then you miss it and it cannot be made up.

# Frequently Asked Questions (FAQ):

Q: I woke up late and I missed the class last week. Can I make up the attendance?

A: No. Absence can be credited with proper documentation only.

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Q: I missed the class last week due to a car accident. Can I make up the attendance?

A: You will be given credit for the attendance if you supply the documentation for the accident.

# Frequently Asked Questions (FAQ):

Q: I woke up late and I missed the exam. Can I have a make up exam?

A: No. Exam cannot be made up

Q: I'm sure I've submitted the assignment, but it's not there on iCampus. Can you accept my late assignment?

A: No. You should double check your submission on iCampus.

Q: I deleted my assignment accidentally. Can I submit my assignment late?

A: No. You should make backup for your assignment.

# Frequently Asked Questions (FAQ):

Q: My computer crashed and I lost my assignment. Can I submit my assignment late?

A: No. You should make backup for your assignment.

Q: I submitted a wrong file on iCampus. Can I resubmit the assignment after the deadline?

A: No. You should double check your assignment submission.

# Frequently Asked Questions (FAQ):

Q: I missed the lab session. Can I submit the lab assignment late?

A: You will be given another chance to submit the lab exercise **only if** you supply the documentation for the absence (e.g. medical certification on that date, letter from university/army, etc)



# Frequently Asked Questions (FAQ):

Q: I forgot to bring my phone/computer in class (or my phone is running out of battery, or I don't have network access), and I cannot take attendance in class. What should I do?

A: You should talk to me immediately after that class session. I will handle it individually.

Q: I forgot to bring my phone/computer in class, and I cannot take attendance in class last week. What should I do?

A: You will be recorded as absent (You should have talked to me immediately last week after class.

# Frequently Asked Questions (FAQ):

Q: I posted the source code (or send the source code to my friend) just trying to help a friend. I'm not getting any benefit from this. Why am I getting a penalty in grade.

A: According to the syllabus, posting and/or sending your source code is considered as academic dishonest. Therefore, a penalty in grade is imposed, regardless of whether you're getting benefit or not.

# Grade Grievance

**IMPORTANT!!!**

**Grade Grievance will not be given at all.**

I cannot give a better grade to you only, without giving a better grade to all other students who are having a better score than you.

- If I do this, I will be in trouble .....

If I give a better grade to you only, it would be unfair to other students.

- And I may face internal investigation for wrong-doing and unfair treatment

# Frequently Asked Questions (FAQ):

Q: What is the grading criteria? Am I going to get an A Grade if I am at 50% percentile in the class?

A: Grading will be given based on whether you can achieve the Intended Learning Outcome written in the syllabus. There is no rule about 50% percentile equals to an A Grade (nor 90% percentile equals to a B Grade).

# Frequently Asked Questions (FAQ):

Q: (At the end of the semester) I worked very hard throughout the semester, and I spent a great deal of time studying this course. Can I have a better grade?

A: Please note that students are graded based on performance, not based on how hard they study, nor how many time was spent on the course.

Q: I need a better grade for a scholarship. Can I have a better grade?

A: No. If I give a better grade to you only, it would be unfair to other students. And I cannot give every student a better grade.

# Frequently Asked Questions (FAQ):

Q: This is my last semester and I need a passing grade to graduate. Can I have a passing grade?

A: No. If I give a better grade to you only, it would be unfair to other students. And I cannot give every student a better grade. Personal reasons will not be considered at all for grading.

Q: My grandmother is getting very sick and she's going to pass away. Can I have a better grade?

A: Personal reasons will not be considered at all for grading.

Note: If you think your grade or scholarship is very important to you, you should start studying now.

# Keys to success .....

- These are more than tips for “this course”, they apply to other courses, and for the rest of your life.....

# 1. Read the Syllabus!!!

- This is the rule for this course. It's hard for you to win any game without reading the instruction!



## 2. Write your Student ID to all your submissions, email, exams, etc

- After all these hard work, you want to make sure that you've got what you deserve for your hard work.....

### 3. Double check that you submitted the correct file

- Make sure you submit the correct file
- ICampus and Email attachment

# 4. ASK QUESTIONS!!!

- Always ask question if you're not sure, even if it is just a slight hesitation
- IT FREE!!!
- Well-defined problem vs. ill-defined problem

# 5. Don't wait until the last minute

- Time management is one of the most valuable skill you'll learn

# 6. Learn from mistakes

- Students are entitled to make mistake!
- It's okay to make mistake!
- It's costly to learn from your own mistake;  
it's free to learn from others mistake.
- When you paid for your mistake, make sure you learn from what you paid for.

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# Something about me.....

Undergraduate: Started in Telecommunication

- Changed to Computer Science

Graduate School: Computer Science & Engineering

- Specialization: Cognitive Sciences
- Dissertation Area: Psychology and Communication

My first job: Industrial Engineering and Management System,  
University of Central Florida

My second job: School of Medicine: The University of Hong Kong

Also teach part time: Psychology: University of Macau and Hong  
Kong Polytechnic University

Last job: Consultant: Computer Forensic, Corporate  
Investigation, Commercial Crime

Arrived in SKKU<sub>th</sub> March 2016

- This is my 9<sup>th</sup> semester in Korea

My research interest: Infectious Diseases Modelling,  
Medical/Health Informatics, Human Computer Interaction



# Lab this week

- Lab 0
- A very brief introduction