

Prof. Alexandre Alahi, Alok Menghrajani
 CIVIL-127 - GC
 April 15th, 2025
 Duration : 45 minutes

Joe













SCIPER: 123456

Do not turn the page before the start of the exam. This document is double-sided, has 8 pages, the last one is possibly blank. Do not unstaple.

- Place your student card on your table.
- You are only allowed to use a **black or dark blue ballpen** and clearly erase with **correction fluid** if necessary.
- **No other materials** are allowed to be used during the exam.
- Using a **calculator** or any electronic device is not permitted during the exam.
- Draft paper is available, so **please do not write on the exam**.
- Grading: **multiple choice** questions (one or more option correct), each option gets graded individually. We give:
 - +1 points for correctly marking/not marking the option,
 - 1 points for incorrectly marking/not marking the option.
 - 0 points if the question is not attempted,

For example, for a question, if options 1 and 2 are correct while 3 and 4 are incorrect, if a student marks only option 1, he/she gets $3 * [+1] + 1 * [-1] = 2$ points.

- Use a **black or dark blue ballpen** and clearly erase with **correction fluid** if necessary.

Respectez les consignes suivantes Observe this guidelines Beachten Sie bitte die unten stehenden Richtlinien		
choisir une réponse select an answer Antwort auswählen	ne PAS choisir une réponse NOT select an answer NICHT Antwort auswählen	Corriger une réponse Correct an answer Antwort korrigieren
  		 
ce qu'il ne faut PAS faire what should NOT be done was man NICHT tun sollte		
     		



Question 2 What does the following code output?

```
1 x = 42
2 if x > 0:
3     print("a", end=" ")
4 elif x > 10:
5     print("b", end=" ")
6 else:
7     print("c", end=" ")
```

- ☐ A a
- ☐ B b
- ☐ C c
- ☐ D a b
- ☐ E a b c

Question 2 What does the following code output?

```
1 x = 42
2 if x > 0:
3     print("a", end=" ")
4 elif x > 10:
5     print("b", end=" ")
6 else:
7     print("c", end=" ")
```

☒ a

☐ b

☐ c

☐ a b

☐ a b c



Question 3 What does this code output?

```
1 def f(a):  
2     if a != 0:  
3         print("*" * a)  
4         f(a-1)  
5  
6  
7 f(5)
```

☐ A *****

**

*

☐ B *

**

☐ C *****

*

☐ D *

**

Question 3 What does this code output?

```
1 def f(a):  
2     if a != 0:  
3         print("*" * a)  
4         f(a-1)  
5  
6  
7 f(5)
```

☐ *****

**
*

☐ *
**

☐ *****

*

☐ *
**



+1/5/56+

Question 4 What does this code output?

```
1 for i in range(0, 10):  
2     if i % 2 == 0:  
3         continue  
4     print(i, end=" ")
```

- ☐ A 1 3 5 7 9
- ☐ B 0 1 2 3 4 5 6 7 8 9 10
- ☐ C 0 1 2 3 4 5 6 7 8 9
- ☐ D 0 2 4 6 8

Question 4 What does this code output?

```
1 for i in range(0, 10):  
2     if i % 2 == 0:  
3         continue  
4     print(i, end=" ")
```

☒ 1 3 5 7 9

☐ 0 1 2 3 4 5 6 7 8 9 10

☐ 0 1 2 3 4 5 6 7 8 9

☐ 0 2 4 6 8