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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **An Introduction To Programming Through C++**
(course)

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc20_cs53/preview) Ask a Question (forum)

Progress (student/home) Mentor (student/mentor)

Week 3 Programmng Assignment 2

Due on 2020-02-19, 23:59 IST

The following program is supposed to read 10 numbers and print 1 if some 3 consecutive numbers are identical, and print 0 otherwise.

Sample Test Cases

	Input	Output
Test Case 1	111 222 3333 999 999 999	1
Test Case 2	5 1 9 23 23 23 9 -5 6 7	1
Test Case 3	1 2 3 4 5 6 6 7 8 9	0
Test Case 4	0 0 55 55 666 666 777 777 7 7	0

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

- Lecture 6 Part 1 : Conditional Execution (unit? unit=45&lesson=46)
- Lecture 6 Part 2 : Most general form of if (unit? unit=45&lesson=47)
- Lecture 6 Part 3 : More general form of conditions

(unit?
unit=45&lesson=48)

- ☐ Lecture 6 Part
4 : A
somewhat
large program
example (unit?
unit=45&lesson=49)
- ☐ Lecture 6 Part
5 : Switch
statement and
logical data
(unit?
unit=45&lesson=50)
- ☒ Lecture 7 Part
1 : Loops
(unit?
unit=45&lesson=51)
- ☐ Lecture 7 Part
2 : Mark
averaging
(unit?
unit=45&lesson=52)
- ☐ Lecture 7 Part
3 : The break
and continue
statements
(unit?
unit=45&lesson=53)
- ☐ Lecture 7 Part
4 : The for
statement
(unit?
unit=45&lesson=55)
- ☒ Lecture 7 Part
5 : Euclid's
algorithm for
GCD (unit?
unit=45&lesson=54)
- ☐ Lecture 7 Part
6 : Correctness
proof for GCD
(unit?
unit=45&lesson=56)
- ☐ Quiz : Week3
Quiz
(assessment?
name=167)
- ☐ Week3
Programming
Assignment 1
(/noc20_cs53/progassignment?
name=170)

☐ **Week 3**
Programmng
Assignment 2
(/noc20_cs53/progassignment?
name=171)

☐ Download
Videos (unit?
unit=45&lesson=179)

☐ Weekly
Feedback
(unit?
unit=45&lesson=191)

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Text Transcripts