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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 1 - Programming Assignment 1

Due on 2020-02-12, 23:59 IST

Write a program that reads in a number n and prints out n rows each containing n star characters, '*'.
Thus if n is 3, then your program should print

Sample Test Cases

Input

Output

Test Case 1

4

```
****
****
****
****
```

Test Case 2

1

```
*
```

Test Case 3

0

Test Case 4

3

```
***
***
***
```

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.
Sample solutions (Provided by instructor)

Course outline

How does an NPTEL online course work?

Week 0

Week 1

- ☒ Lecture 1 Part 1: Introduction (unit? unit=17&lesson=25)
- ☐ Lecture 1 Part 2: Introduction (unit? unit=17&lesson=29)
- ☐ Lecture 1 Part 3: Introduction (unit? unit=17&lesson=31)
- ☐ Lecture 1 Part 4: Introduction (unit? unit=17&lesson=30)
- ☐ Lecture 2 Part 1: Problem

Solving using
Computer
(unit?
unit=17&lesson=33)

```

1 #include <iostream>
2 #define repeat(x) for(int _iterator_i = 0, _iterator_limit = x; _itera
3 #define main_program int main()
4 #include <cmath>
5 using namespace std;
6 main_program{
7     int n;
8     cin >> n;
9     repeat(n){
10         repeat(n){
11             cout << '*';
12         }
13         cout << endl;
14     }
15 }
```

☒ Lecture 2 Part
2 : Problem
Solving using
Computer
(unit?
unit=17&lesson=32)

☒ Lecture 2 Part
3 : Problem
Solving using
Computer
(unit?
unit=17&lesson=34)

☐ Lecture 2 Part
4 : Problem
Solving using
Computer
(unit?
unit=17&lesson=35)

☒ Lecture 2 Part
5 : Problem
Solving using
Computer
(unit?
unit=17&lesson=36)

☐ **Week 1 -
Programming
Assignment 1
(/noc20_cs53/progassignment?
name=163)**

☐ Week 1 -
Programming
Assignment 2
(/noc20_cs53/progassignment?
name=164)

☐ Quiz : Week 1
Quiz 1
(assessment?
name=165)

☐ Download
Videos (unit?
unit=17&lesson=177)

☐ Weekly
Feedback
(unit?
unit=17&lesson=189)

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Text Transcripts