

(1-1) Week-5 (Loop Advance:Loop+if-else)

❖ Tutorials:

- [প্রোগ্রামিং বইঃ অধ্যায় চার] লুপ(loop)
 - ✓ <http://cpbook.subeen.com/2011/08/loop.html>

❖ Problem:

- CodeChef:
 - ✓ Leap year(Problem Code:LEAPY)
 - <https://www.codechef.com/problems/LEAPY>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/e20abbe13d16265ed8776b5b51c803d5926ce6e8/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+If-else\)/CodeChef-Leap%20year\(Problem%20Code:LEAPY\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/e20abbe13d16265ed8776b5b51c803d5926ce6e8/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+If-else)/CodeChef-Leap%20year(Problem%20Code:LEAPY))
- Atcoder:
 - ✓ AtCoder Beginner Contest079 (A-Good Integer)
 - https://atcoder.jp/contests/abc079/tasks/abc079_a
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/9864e411740f43b658a2de5062f2efcddcd6cc34/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+If-else\)/AtCoder%20Beginner%20Contest079%20\(A-Good%20Integer\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/9864e411740f43b658a2de5062f2efcddcd6cc34/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+If-else)/AtCoder%20Beginner%20Contest079%20(A-Good%20Integer))
- Timus:
 - ✓ 1083-Factorials!!!
 - <https://acm.timus.ru/problem.aspx?space=1&num=1083>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/55f5aa79cde87b403af90f7d1645b28d0a8721fd/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+If-else\)/Timus-1083-Factorials!!!](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/55f5aa79cde87b403af90f7d1645b28d0a8721fd/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+If-else)/Timus-1083-Factorials!!!)
 - ✓ 1209-1, 10, 100, 1000.....
 - <https://acm.timus.ru/problem.aspx?space=1&num=1209>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8d8504ed797b34c5f6157c9725c68d23aca78fb8/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+If-else\)/Timus-1209-1,%2010,%20100,%201000%E2%80%A6%E2%80%A6](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8d8504ed797b34c5f6157c9725c68d23aca78fb8/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+If-else)/Timus-1209-1,%2010,%20100,%201000%E2%80%A6%E2%80%A6)
- Light OJ:
 - ✓ 1001-Opposite Task
 - <https://lightoj.com/problem/opposite-task>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8d8504ed797b34c5f6157c9725c68d23aca78fb8/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+If-else\)/LightOJ-1001-Opposite-Task](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8d8504ed797b34c5f6157c9725c68d23aca78fb8/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+If-else)/LightOJ-1001-Opposite-Task)

[Syllabus/blob/545a67e32a3aa71b3cada159e6273b59e3388314/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+lf-else\)/Light%20OJ-\(1001-Opposite%20Task\)](#)

✓ 1015-Brush (I)

- <https://lightoj.com/problem/brush-1>
- [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/63ca622e7154ab2dfb32d502fe6f5e7c49e2c521/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+lf-else\)/Light%20OJ-\(1015-Brush%20\(I\)\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/63ca622e7154ab2dfb32d502fe6f5e7c49e2c521/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+lf-else)/Light%20OJ-(1015-Brush%20(I)))

✓ 1053-Higher Math

- <https://lightoj.com/problem/higher-math>
- [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/1d83f737ebc8917ab66f3c668dddb4fd6af1df/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+lf-else\)/Light%20OJ-\(1053-Higher%20Math\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/1d83f737ebc8917ab66f3c668dddb4fd6af1df/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+lf-else)/Light%20OJ-(1053-Higher%20Math))

✓ 1008-Fibonacci's Fantabulous Birthday

- <https://lightoj.com/problem/fibonacci-fantabulous-birthday>
- [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/299cdebfe54b9b8553806df022dc8f179fad5142/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+lf-else\)/Light%20OJ-\(1008-Fibonacci%E2%80%99s%20Fantabulous%20Birthday\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/299cdebfe54b9b8553806df022dc8f179fad5142/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+lf-else)/Light%20OJ-(1008-Fibonacci%E2%80%99s%20Fantabulous%20Birthday))

➤ URI:

✓ 1557-Square Matrix III

- <https://www.urionlinejudge.com.br/judge/en/problems/view/1557>
- [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/33efdb4a8688a8d8d3d9d6cd4391354a4a6a5f69/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+lf-else\)/URI-1557-Square%20Matrix%20III](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/33efdb4a8688a8d8d3d9d6cd4391354a4a6a5f69/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+lf-else)/URI-1557-Square%20Matrix%20III)

✓ 1187-Top Area

- <https://www.urionlinejudge.com.br/judge/en/problems/view/1187>
- [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/85e48846d0326f28647935700c3198de908fab42/1-Level-1%20Term-1/5-Week-5%20\(Loop%20Advanced-Lopp+lf-else\)/URI-1187-Top%20Area](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/85e48846d0326f28647935700c3198de908fab42/1-Level-1%20Term-1/5-Week-5%20(Loop%20Advanced-Lopp+lf-else)/URI-1187-Top%20Area)