

(1-1) Week-3 (Loop Basics:While,Do-While,For-loop)

❖ Tutorials:

- কম্পিউটার প্রোগ্রামিং বই : [অধ্যায় চার] লুপ(Loop)
 - ✓ <http://cpbook.subeen.com/2011/08/loop.html>
- Loops in C and C++
 - ✓ <https://www.geeksforgeeks.org/loops-in-c-and-cpp/>

❖ Problem:

- Dimik_OJ:
 - ✓ Problem-06 (যোগফল নির্ণয়)
 - <https://dimikoj.com/problems/6/52-problem-book-find-the-sum-by-dimik-computing>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/d0fb90025c24f5c2a182cdc8c60f52648e67f183/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/Dimik_OJ-Problem-06%20\(%E0%A6%AF%E0%A7%8B%E0%A6%97%E0%A6%AB%E0%A6%B2%E0%A6%A8%E0%A6%BF%E0%A6%B0%E0%A7%8D%E0%A6%A3%E0%A6%AF%E0%A6%BC\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/d0fb90025c24f5c2a182cdc8c60f52648e67f183/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/Dimik_OJ-Problem-06%20(%E0%A6%AF%E0%A7%8B%E0%A6%97%E0%A6%AB%E0%A6%B2%E0%A6%A8%E0%A6%BF%E0%A6%B0%E0%A7%8D%E0%A6%A3%E0%A6%AF%E0%A6%BC))
 - ✓ Problem-03 (অধোগামী সংখ্যা)
 - <https://dimikoj.com/problems/3/52-problem-book-decreasing-numbers-by-dimik-computing>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/7f9f23623fd6bf5586d5c378a5038e32938cb597/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/Dimik_OJ-Problem-03%20\(%E0%A6%85%E0%A6%A7%E0%A7%8B%E0%A6%97%E0%A6%BE%E0%A6%AE%E0%A7%80%E0%A6%B8%E0%A6%82%E0%A6%96%E0%A7%8D%E0%A6%AF%E0%A6%BE\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/7f9f23623fd6bf5586d5c378a5038e32938cb597/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/Dimik_OJ-Problem-03%20(%E0%A6%85%E0%A6%A7%E0%A7%8B%E0%A6%97%E0%A6%BE%E0%A6%AE%E0%A7%80%E0%A6%B8%E0%A6%82%E0%A6%96%E0%A7%8D%E0%A6%AF%E0%A6%BE))
 - ✓ Problem-05 (বাক্স-১)
 - <https://dimikoj.com/problems/5/52-problem-book-box-1-by-dimik-computing>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8b0dd3ecbc8ffb592af8073e210d9395dd1dbb65/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/Dimik_OJ-Problem-05%20\(%E0%A6%AC%E0%A6%BE%E0%A6%95%E0%A7%8D%E0%A6%B8-%E0%A7%A7\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8b0dd3ecbc8ffb592af8073e210d9395dd1dbb65/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/Dimik_OJ-Problem-05%20(%E0%A6%AC%E0%A6%BE%E0%A6%95%E0%A7%8D%E0%A6%B8-%E0%A7%A7))
- Timus:
 - ✓ 1149-Sinus Dances
 - <https://acm.timus.ru/problem.aspx?space=1&num=1149>

- [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/4018b4c1ec22ac790edd1c9e3651f4cc9de3e269/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/Timus-\(1149-Sinus%20Dances\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/4018b4c1ec22ac790edd1c9e3651f4cc9de3e269/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/Timus-(1149-Sinus%20Dances))

➤ Light OJ:

- ✓ 1000-Greetings from LightOJ
 - <https://lightoj.com/problem/greetings-from-lightoj>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/6efae8f3aaff33353d548d4fd1585636403b4959/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/Light%20OJ-\(1000-Greetings%20from%20LightOJ\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/6efae8f3aaff33353d548d4fd1585636403b4959/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/Light%20OJ-(1000-Greetings%20from%20LightOJ))
- ✓ 1022-Circle in Square
 - <https://lightoj.com/problem/circle-in-square>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/5054632e4483630bd489828f359ae5c4b9121821/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/Light%20OJ-\(1022-Circle%20in%20Square\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/5054632e4483630bd489828f359ae5c4b9121821/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/Light%20OJ-(1022-Circle%20in%20Square))
- ✓ 1216-Juice in the Glass
 - <https://lightoj.com/problem/juice-in-the-glass>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/dd242dc35c4986f1ec8cf543f08008522b44de49/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/Light%20OJ-\(1216-Juice%20in%20the%20Glass\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/dd242dc35c4986f1ec8cf543f08008522b44de49/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/Light%20OJ-(1216-Juice%20in%20the%20Glass))

➤ CodeForce:

- ✓ 123-The sum
 - <https://codeforces.com/problemsets/acmsguru/problem/99999/123>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8605e3ba3ecab2aea0fc665a0dae08e956944ca6/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/CodeForce%20\(123-The%20Sum\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/8605e3ba3ecab2aea0fc665a0dae08e956944ca6/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/CodeForce%20(123-The%20Sum))
- ✓ 791A-Bear and Big Brother
 - <https://codeforces.com/problemset/problem/791/A>
 - [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/226c4735e26bc8893b859ebf5b892d139f3a6ae1/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/CodeForce%20\(791A-Bear%20and%20Big%20Brother\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/226c4735e26bc8893b859ebf5b892d139f3a6ae1/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/CodeForce%20(791A-Bear%20and%20Big%20Brother))
- ✓ 977A-Wrong Subtraction
 - <https://codeforces.com/problemset/problem/977/A>

- [https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/cb4eb783d8ef071c685f39a0f3da2ca4b7a101cc/1-Level-1%20Term-1/3-Week-3%20\(Loop%20Basics-While,Do-While,For-Loo\)/CodeForce%20\(977A-Wrong%20Subtraction\)](https://github.com/hamidhosen42/CUET-Competitive-Programmer-s-Syllabus/blob/cb4eb783d8ef071c685f39a0f3da2ca4b7a101cc/1-Level-1%20Term-1/3-Week-3%20(Loop%20Basics-While,Do-While,For-Loo)/CodeForce%20(977A-Wrong%20Subtraction))