

Codeforces Online Judge

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spring 2020

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Codeforces Online Judge - Phase 1.2

Lecture Agenda

We will discuss in this lecture
the following topics

- | | |
|----------------------------|---------------|
| 1- Basic Operator Problems | [5 problems] |
| 2- Condition Problems | [11 problems] |
| 3- Loop Problems | [21 problems] |
| 4- String Problems | [22 problems] |
| 5- List Problems | [40 problems] |

A top-down view of a white desk. On the left, a person's hands are typing on a white Apple keyboard. Above the keyboard is a white Apple mouse. To the right of the mouse is a bright yellow wristwatch with a black face. In the bottom right corner, the top of a white smartphone is visible. The text "Let's STARTUP" is centered on the desk. "Let's" is in a small, grey, sans-serif font. "STARTUP" is in a large, bold, sans-serif font. "START" is black with a white speckled texture, and "UP" is solid red with a white speckled texture.

Let's
STARTUP

Lecture Agenda

Section 1: Basic Operator Problems

Section 2: Condition Problems

Section 3: Loop Problems

Section 4: String Problems

Section 5: List Problems



Basic Operator Problems

- [01] CF-Round 327: <http://codeforces.com/problemset/problem/591/A>
- [02] CF-Round 332: <http://codeforces.com/problemset/problem/599/A>
- [03] CF-Round 125: <http://codeforces.com/problemset/problem/199/A>
- [04] CF-Round 350: <http://codeforces.com/problemset/problem/670/A>
- [05] CF-Round 123: <http://codeforces.com/problemset/problem/195/A>



Basic Operator Problems Solution

- [01] CF-Round 327: <http://codeforces.com/contest/591/submission/30936968>
- [02] CF-Round 332: <http://codeforces.com/contest/599/submission/30728573>
- [03] CF-Round 125: <http://codeforces.com/contest/199/submission/26970850>
- [04] CF-Round 350: <http://codeforces.com/contest/670/submission/30936450>
- [05] CF-Round 123: <http://codeforces.com/contest/195/submission/26694589>





Lecture Agenda

✓ Section 1: Basic Operator Problems

Section 2: Condition Problems

Section 3: Loop Problems

Section 4: String Problems

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Condition Problems

- [01] CF-Round 285: <http://codeforces.com/problemset/problem/501/A>
- [02] CF-Round 337: <http://codeforces.com/problemset/problem/610/A>
- [03] CF-Round 362: <http://codeforces.com/problemset/problem/697/A>
- [04] CF-Round 396: <http://codeforces.com/problemset/problem/766/A>
- [05] CF-Round 195: <http://codeforces.com/problemset/problem/336/A>
- [06] CF-Round 206: <http://codeforces.com/problemset/problem/355/A>
- [07] CF-Round 274: <http://codeforces.com/problemset/problem/479/A>
- [08] CF-Round 292: <http://codeforces.com/problemset/problem/515/A>
- [09] CF-Round 324: <http://codeforces.com/problemset/problem/584/A>
- [10] CF-Round 346: <http://codeforces.com/problemset/problem/659/A>
- [11] CF-Round 349: <http://codeforces.com/problemset/problem/667/A>



Condition Problems Solution

- [01] CF-Round 285: <http://codeforces.com/contest/501/submission/30936918>
- [02] CF-Round 337: <http://codeforces.com/contest/610/submission/26635253>
- [03] CF-Round 362: <http://codeforces.com/contest/697/submission/26638485>
- [04] CF-Round 396: <http://codeforces.com/contest/766/submission/29097738>
- [05] CF-Round 195: <http://codeforces.com/contest/336/submission/26639690>
- [06] CF-Round 206: <http://codeforces.com/contest/355/submission/46033501>
- [07] CF-Round 274: <http://codeforces.com/contest/479/submission/26635858>
- [08] CF-Round 292: <http://codeforces.com/contest/515/submission/30743791>
- [09] CF-Round 324: <http://codeforces.com/contest/584/submission/26636790>
- [10] CF-Round 346: <http://codeforces.com/contest/659/submission/26635437>
- [11] CF-Round 349: <http://codeforces.com/contest/667/submission/31127804>





Lecture Agenda

✓ Section 1: Basic Operator Problems

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Loop Problems

- [01] CF-Round 122: <http://codeforces.com/problemset/problem/194/A>
- [02] CF-Round 131: <http://codeforces.com/problemset/problem/214/A>
- [03] CF-Round 136: <http://codeforces.com/problemset/problem/221/A>
- [04] CF-Round 151: <http://codeforces.com/problemset/problem/246/A>
- [05] CF-Round 169: <http://codeforces.com/problemset/problem/276/A>
- [06] CF-Round 194: <http://codeforces.com/problemset/problem/334/A>
- [07] CF-Round 262: <http://codeforces.com/problemset/problem/460/A>
- [08] CF-Round 320: <http://codeforces.com/problemset/problem/579/A>
- [09] CF-Round 326: <http://codeforces.com/problemset/problem/588/A>
- [10] CF-Round 383: <http://codeforces.com/problemset/problem/742/A>
- [11] CF-Round 387: <http://codeforces.com/problemset/problem/747/A>
- [12] CF-Round 175: <http://codeforces.com/problemset/problem/285/A>
- [13] CF-Round 177: <http://codeforces.com/problemset/problem/289/A>
- [14] CF-Round 190: <http://codeforces.com/problemset/problem/322/A>
- [15] CF-Round 214: <http://codeforces.com/problemset/problem/366/A>
- [16] CF-Round 272: <http://codeforces.com/problemset/problem/476/A>



Loop Problems Solution

- [01] CF-Round 122: <http://codeforces.com/contest/194/submission/26967861>
- [02] CF-Round 131: <http://codeforces.com/contest/214/submission/30908605>
- [03] CF-Round 136: <http://codeforces.com/contest/221/submission/26783287>
- [04] CF-Round 151: <http://codeforces.com/contest/246/submission/46012109>
- [05] CF-Round 169: <http://codeforces.com/contest/276/submission/30934952>
- [06] CF-Round 194: <http://codeforces.com/contest/334/submission/46032792>
- [07] CF-Round 262: <http://codeforces.com/contest/460/submission/30492265>
- [08] CF-Round 320: <http://codeforces.com/contest/579/submission/30728457>
- [09] CF-Round 326: <http://codeforces.com/contest/588/submission/30730515>
- [10] CF-Round 383: <http://codeforces.com/contest/742/submission/30783390>
- [11] CF-Round 387: <http://codeforces.com/contest/747/submission/46635157>
- [12] CF-Round 175: <http://codeforces.com/contest/285/submission/46012347>
- [13] CF-Round 177: <http://codeforces.com/contest/289/submission/46195645>
- [14] CF-Round 190: <http://codeforces.com/contest/322/submission/46012475>
- [15] CF-Round 214: <http://codeforces.com/contest/366/submission/46195993>
- [16] CF-Round 272: <http://codeforces.com/contest/476/submission/26767474>



Loop Problems

- [17] CF-Round 275: <http://codeforces.com/problemset/problem/483/A>
- [18] CF-Round 296: <http://codeforces.com/problemset/problem/527/A>
- [19] CF-Round 298: <http://codeforces.com/problemset/problem/534/A>
- [20] CF-Round 308: <http://codeforces.com/problemset/problem/552/A>
- [21] CF-Round 319: <http://codeforces.com/problemset/problem/577/A>



Loop Problems Solution

- [17] CF-Round 275: <http://codeforces.com/contest/483/submission/46056327>
- [18] CF-Round 296: <http://codeforces.com/contest/527/submission/26776110>
- [19] CF-Round 298: <http://codeforces.com/contest/534/submission/46057203>
- [20] CF-Round 308: <http://codeforces.com/contest/552/submission/26780893>
- [21] CF-Round 319: <http://codeforces.com/contest/577/submission/26970672>





Lecture Agenda

✓ Section 1: Basic Operator Problems

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Section 4: String Problems

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String Problems

- [01] CF-Round 219: <http://codeforces.com/problemset/problem/373/A>
- [02] CF-Round 221: <http://codeforces.com/problemset/problem/376/A>
- [03] CF-Round 227: <http://codeforces.com/problemset/problem/387/A>
- [04] CF-Round 234: <http://codeforces.com/problemset/problem/400/A>
- [05] CF-Round 242: <http://codeforces.com/problemset/problem/424/A>
- [06] CF-Round 271: <http://codeforces.com/problemset/problem/474/A>
- [07] CF-Round 378: <http://codeforces.com/problemset/problem/733/A>
- [08] CF-Round 380: <http://codeforces.com/problemset/problem/738/A>
- [09] CF-Round 382: <http://codeforces.com/problemset/problem/735/A>
- [10] CF-Round 130: <http://codeforces.com/problemset/problem/208/A>
- [11] CF-Round 135: <http://codeforces.com/problemset/problem/219/A>
- [12] CF-Round 157: <http://codeforces.com/problemset/problem/259/A>
- [13] CF-Round 213: <http://codeforces.com/problemset/problem/365/A>
- [14] CF-Round 224: <http://codeforces.com/problemset/problem/382/A>
- [15] CF-Round 237: <http://codeforces.com/problemset/problem/404/A>
- [16] CF-Round 278: <http://codeforces.com/problemset/problem/488/A>



String Problems Solution

- [01] CF-Round 219: <http://codeforces.com/contest/373/submission/46199703>
- [02] CF-Round 221: <http://codeforces.com/contest/376/submission/46201590>
- [03] CF-Round 227: <http://codeforces.com/contest/387/submission/46202030>
- [04] CF-Round 234: <http://codeforces.com/contest/400/submission/46202261>
- [05] CF-Round 242: <http://codeforces.com/contest/424/submission/46203655>
- [06] CF-Round 271: <http://codeforces.com/contest/474/submission/30728395>
- [07] CF-Round 378: <http://codeforces.com/contest/733/submission/30285449>
- [08] CF-Round 380: <http://codeforces.com/contest/738/submission/46815704>
- [09] CF-Round 382: <http://codeforces.com/contest/735/submission/46637036>
- [10] CF-Round 130: <http://codeforces.com/contest/208/submission/29096741>
- [11] CF-Round 135: <http://codeforces.com/contest/219/submission/46197090>
- [12] CF-Round 157: <http://codeforces.com/contest/259/submission/46198519>
- [13] CF-Round 213: <http://codeforces.com/contest/365/submission/46199266>
- [14] CF-Round 224: <http://codeforces.com/contest/382/submission/46201771>
- [15] CF-Round 237: <http://codeforces.com/contest/404/submission/46203422>
- [16] CF-Round 278: <http://codeforces.com/contest/488/submission/46056684>



String Problems

- [17] CF-Round 294: <http://codeforces.com/problemset/problem/519/A>
- [18] CF-Round 302: <http://codeforces.com/problemset/problem/544/A>
- [19] CF-Round 310: <http://codeforces.com/problemset/problem/556/A>
- [20] CF-Round 391: <http://codeforces.com/problemset/problem/757/A>
- [21] CF-Round 118: <http://codeforces.com/problemset/problem/186/A>
- [22] CF-Round 145: <http://codeforces.com/problemset/problem/234/A>



String Problems Solution

- [17] CF-Round 294: <http://codeforces.com/contest/519/submission/30743083>
- [18] CF-Round 302: <http://codeforces.com/contest/544/submission/46205586>
- [19] CF-Round 310: <http://codeforces.com/contest/556/submission/30728136>
- [20] CF-Round 391: <http://codeforces.com/contest/757/submission/46815398>
- [21] CF-Round 118: <http://codeforces.com/contest/186/submission/29099327>
- [22] CF-Round 145: <http://codeforces.com/contest/234/submission/46821283>





Lecture Agenda

- ✓ Section 1: Basic Operator Problems
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Section 5: List Problems



List Problems

- [01] CF-Round 211: <http://codeforces.com/problemset/problem/363/A>
- [02] CF-Round 216: <http://codeforces.com/problemset/problem/369/A>
- [03] CF-Round 238: <http://codeforces.com/problemset/problem/405/A>
- [04] CF-Round 252: <http://codeforces.com/problemset/problem/441/A>
- [05] CF-Round 257: <http://codeforces.com/problemset/problem/450/A>
- [06] CF-Round 268: <http://codeforces.com/problemset/problem/469/A>
- [07] CF-Round 283: <http://codeforces.com/problemset/problem/496/A>
- [08] CF-Round 303: <http://codeforces.com/problemset/problem/545/A>
- [09] CF-Round 307: <http://codeforces.com/problemset/problem/551/A>
- [10] CF-Round 314: <http://codeforces.com/problemset/problem/567/A>
- [11] CF-Round 317: <http://codeforces.com/problemset/problem/572/A>
- [12] CF-Round 321: <http://codeforces.com/problemset/problem/580/A>
- [13] CF-Round 323: <http://codeforces.com/problemset/problem/583/A>
- [14] CF-Round 334: <http://codeforces.com/problemset/problem/604/A>
- [15] CF-Round 341: <http://codeforces.com/problemset/problem/621/A>
- [16] CF-Round 344: <http://codeforces.com/problemset/problem/631/A>



List Problems Solution

- [01] CF-Round 211: <http://codeforces.com/contest/363/submission/46053722>
- [02] CF-Round 216: <http://codeforces.com/contest/369/submission/46511588>
- [03] CF-Round 238: <http://codeforces.com/contest/405/submission/30547317>
- [04] CF-Round 252: <http://codeforces.com/contest/441/submission/30909860>
- [05] CF-Round 257: <http://codeforces.com/contest/450/submission/30914304>
- [06] CF-Round 268: <http://codeforces.com/contest/469/submission/30492134>
- [07] CF-Round 283: <http://codeforces.com/contest/496/submission/46476213>
- [08] CF-Round 303: <http://codeforces.com/contest/545/submission/46358815>
- [09] CF-Round 307: <http://codeforces.com/contest/551/submission/30785206>
- [10] CF-Round 314: <http://codeforces.com/contest/567/submission/46816257>
- [11] CF-Round 317: <http://codeforces.com/contest/572/submission/30914067>
- [12] CF-Round 321: <http://codeforces.com/contest/580/submission/30448413>
- [13] CF-Round 323: <http://codeforces.com/contest/583/submission/30786853>
- [14] CF-Round 334: <http://codeforces.com/contest/604/submission/46062573>
- [15] CF-Round 341: <http://codeforces.com/contest/621/submission/30758783>
- [16] CF-Round 344: <http://codeforces.com/contest/631/submission/46357823>



List Problems

- [17] CF-Round 354: <http://codeforces.com/problemset/problem/676/A>
- [18] CF-Round 363: <http://codeforces.com/problemset/problem/699/A>
- [19] CF-Round 368: <http://codeforces.com/problemset/problem/707/A>
- [20] CF-Round 399: <http://codeforces.com/problemset/problem/768/A>
- [21] CF-Round 106: <http://codeforces.com/problemset/problem/149/A>
- [22] CF-Round 108: <http://codeforces.com/problemset/problem/152/A>
- [23] CF-Round 110: <http://codeforces.com/problemset/problem/157/A>
- [24] CF-Round 112: <http://codeforces.com/problemset/problem/165/A>
- [25] CF-Round 134: <http://codeforces.com/problemset/problem/218/A>
- [26] CF-Round 149: <http://codeforces.com/problemset/problem/242/A>
- [27] CF-Round 179: <http://codeforces.com/problemset/problem/296/A>
- [28] CF-Round 182: <http://codeforces.com/problemset/problem/302/A>
- [29] CF-Round 204: <http://codeforces.com/problemset/problem/352/A>
- [30] CF-Round 209: <http://codeforces.com/problemset/problem/359/A>
- [31] CF-Round 215: <http://codeforces.com/problemset/problem/368/A>
- [32] CF-Round 226: <http://codeforces.com/problemset/problem/385/A>



List Problems Solution

- [17] CF-Round 354: <http://codeforces.com/contest/676/submission/30934861>
- [18] CF-Round 363: <http://codeforces.com/contest/699/submission/46356848>
- [19] CF-Round 368: <http://codeforces.com/contest/707/submission/30698174>
- [20] CF-Round 399: <http://codeforces.com/contest/768/submission/46814994>
- [21] CF-Round 106: <http://codeforces.com/contest/149/submission/30728979>
- [22] CF-Round 108: <http://codeforces.com/contest/152/submission/46637584>
- [23] CF-Round 110: <http://codeforces.com/contest/157/submission/46588469>
- [24] CF-Round 112: <http://codeforces.com/contest/165/submission/46588290>
- [25] CF-Round 134: <http://codeforces.com/contest/218/submission/46354312>
- [26] CF-Round 149: <http://codeforces.com/contest/242/submission/46195480>
- [27] CF-Round 179: <http://codeforces.com/contest/296/submission/46573238>
- [28] CF-Round 182: <http://codeforces.com/contest/302/submission/46572638>
- [29] CF-Round 204: <http://codeforces.com/contest/352/submission/46515362>
- [30] CF-Round 209: <http://codeforces.com/contest/359/submission/46514016>
- [31] CF-Round 215: <http://codeforces.com/contest/368/submission/46513937>
- [32] CF-Round 226: <http://codeforces.com/contest/385/submission/46511323>



List Problems

- [33] CF-Round 228: <http://codeforces.com/problemset/problem/389/A>
- [34] CF-Round 249: <http://codeforces.com/problemset/problem/435/A>
- [35] CF-Round 251: <http://codeforces.com/problemset/problem/439/A>
- [36] CF-Round 263: <http://codeforces.com/problemset/problem/462/A>
- [37] CF-Round 284: <http://codeforces.com/problemset/problem/499/A>
- [38] CF-Round 287: <http://codeforces.com/problemset/problem/507/A>
- [39] CF-Round 299: <http://codeforces.com/problemset/problem/535/A>
- [40] CF-Round 313: <http://codeforces.com/problemset/problem/560/A>



List Problems Solution

- [33] CF-Round 228: <http://codeforces.com/contest/389/submission/46510858>
- [34] CF-Round 249: <http://codeforces.com/contest/435/submission/46483044>
- [35] CF-Round 251: <http://codeforces.com/contest/439/submission/30748711>
- [36] CF-Round 263: <http://codeforces.com/contest/462/submission/30936093>
- [37] CF-Round 284: <http://codeforces.com/contest/499/submission/46470948>
- [38] CF-Round 287: <http://codeforces.com/contest/507/submission/30907897>
- [39] CF-Round 299: <http://codeforces.com/contest/535/submission/45915669>
- [40] CF-Round 313: <http://codeforces.com/contest/560/submission/30786326>



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DO
MORE.