



HackerEarth Online Judge

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HackerEarth Online Judge - Phase 1.1



Lecture Agenda

We will discuss in this lecture
the following topics

- | | |
|-----------------------|---------------|
| 1- Implementation I | [25 problems] |
| 2- Implementation II | [25 problems] |
| 3- Implementation III | [25 problems] |
| 4- Implementation IV | [25 problems] |
-



Let's
STARTUP

Lecture Agenda



Section 1: Implementation I

Section 2: Implementation II

Section 3: Implementation III

Section 4: Implementation IV



HackerEarth - Implementation I



- [01] <https://www.hackerearth.com/practice/data-structures/arrays/1-d/practice-problems/algorithm/pair-sum-1-0062d9ab/>
- [02] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/digit-problem/>
- [03] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/city-travel-59bad87f/>
- [04] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/array-insert/>
- [05] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/rain-41f57695/>
- [06] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/approximate/killjee-and-easy-problem/>
- [07] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/fitting-circles-c00a5be3/>
- [08] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/distribute-chocolates-70c2c2ab/>
- [09] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/print-hackerearth/>
- [10] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/psychic-powers/>
- [11] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/binary-associativity-fc8ca73f/>
- [12] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/hawkeye-and-floodfill/>
- [13] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/the-dice-d4dc5b11/>
- [14] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/one-string-no-trouble-37037871/>
- [15] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/set-numbers-bea74f5a/>
- [16] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/the-great-kian/>
- [17] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/count-numbers-46/>
- [18] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/array-sum-2-725368ac/>

HackerEarth - Implementation I



- [19] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/plus-plus-60bcac48/>
- [20] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/magical-tree/>
- [21] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/find-the-pattern-6/>
- [22] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/very-easy-1/>
- [23] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/min-max-3/>
- [24] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/complete-the-syllabus/>
- [25] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/jarvis-and-seven-segments-1/>



Lecture Agenda



✓ Section 1: Implementation I

Section 2: Implementation II

Section 3: Implementation III

Section 4: Implementation IV



HackerEarth - Implementation II



- [01] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/ques-6/>
- [02] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/ques-2/>
- [03] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/string-sum/>
- [04] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/city-group-3/>
- [05] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/invert-it-b06fd53a/>
- [06] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/presidential-problem/>
- [07] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/batman-and-tick-tack-toe/>
- [08] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/round-table-killers-b7b93156/>
- [09] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/color-the-boxes-47270a3b/>
- [10] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/addition-aint-simple/>
- [11] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/alice-and-string-game-dbd6adc3/>
- [12] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/gupta-chaturvedi-and-saxena-trilogy-b/>
- [13] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/case-conversion-d19fbcfe/>
- [14] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/bob-and-bombs-cake-walk/>
- [15] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/shreya-and-non-palindrome/>
- [16] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/pythagorean-triangles-0158a4c5/>
- [17] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/approximate/bank-data-consistency-check-3899a127/>
- [18] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/final-destination-cakewalk/>

HackerEarth - Implementation II



- [19] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/warcakewalk/>
- [20] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/image-smoothing-3/>
- [21] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/golf/jadoo-hates-maths/>
- [22] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/diwali-celebration/>
- [23] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/tic-tac-toe-thingy-7ce8b17b/>
- [24] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/heman-anil-and-soubhik/>
- [25] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/killjee-and-superdromes-1f1d31c3/>



Lecture Agenda



✓ Section 1: Implementation I

✓ Section 2: Implementation II

Section 3: Implementation III

Section 4: Implementation IV



HackerEarth - Implementation III



- [01] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/shitty-fortune/>
- [02] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/the-savior-3/>
- [03] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/ispalin/>
- [04] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/airfares-dbef7f12/>
- [05] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/mancunian-in-palindromia-3/>
- [06] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/bracket-balancer-b9f56e12/>
- [07] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/countries-grouping-1-5b13620a/>
- [08] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/reflection-is-every-thing-2fff0566/>
- [09] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/mr-x-and-string-4836920e/>
- [10] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/rhezo-and-character-frequency-3/>
- [11] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/mosalas-mostatiloo-f012275c/>
- [12] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/acronym-2/>
- [13] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/epiphany-coming-soon-43c4af4b/>
- [14] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/greatest-string-fcf3e37c/>
- [15] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/count-vowels-1-1da7c4d0/>
- [16] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/smallest-string-1-ab268aff/>
- [17] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/the-reversed-numbers/>
- [18] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/car-company-merger-125475cc/>

HackerEarth - Implementation III



- [19] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/inverse-list/>
- [20] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/the-bet-1-dbc1acde/>
- [21] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/square-in-triangle/>
- [22] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/dummy-28/>
- [23] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/pop-up-orientation-de6cf0ee/>
- [24] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/chocolate-distribution-709f61ec/>
- [25] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/string-restoration-ather-b41289af/>



Lecture Agenda



- ✓ Section 1: Implementation I
- ✓ Section 2: Implementation II
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- Section 4: Implementation IV**



HackerEarth - Implementation IV



- [01] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/matrix-symmetry/>
- [02] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/mixing-strings-1/>
- [03] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/a-tricky-addition/>
- [04] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/sagars-learning/>
- [05] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/partitioning-bd4c9574/>
- [06] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/attendance-70-3369f484/>
- [07] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/lets-prepare-for-exams-a7f00d14/>
- [08] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/how-many-buildings-you-can-make-1/>
- [09] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/find-wring-number-in-series/>
- [10] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/exception-handling-2-46f67551/>
- [11] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/string-operations-1-cd102cb6/>
- [12] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/area-of-union-of-rectangles/>
- [13] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/bookcricket-bd707e2d/>
- [14] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/challenging-track-0d6a36ad/>
- [15] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/jump-out-34/>
- [16] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/easy-multiple/>
- [17] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/sherlock-and-date/>
- [18] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/holi-and-colorful-houses-eb2049cb/>

HackerEarth - Implementation IV



- [19] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/sherlock-and-dates/>
- [20] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/equal-armies/>
- [21] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/very-cool-numbers/>
- [22] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/donar-tds/>
- [23] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/good-string-3/>
- [24] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/title-abhi-socha-nahi/>
- [25] <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/palindromic-numbers-7/>



Lecture Agenda



- ✓ Section 1: Implementation I
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**DO
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