

-> Try to solve these questions by yourself ; if not able to solve ; watch video

S.NO	PROBLEM LINK	CODE LINK	VIDEO	REFERENCE/SAME TYPE OF PROBLEM
1	Solve Me First HackerRank	"https://ideone.com/e.js/4n750R"	INTRO + PROBLEM	How to take integer input in Python? - GeeksforGeeks
2	Simple Array Sum HackerRank	https://ideone.com/LCSbNP	simple array sum.webm	loops in python - GeeksforGeeks
3	compare the triplets	https://ideone.com/8Zsp2X	compare triplets	Control Flow in Python - GeeksforGeeks
4	A Very Big Sum HackerRank	https://ideone.com/4OhZzu	a big number.webm	What is the maximum possible value of an integer in Python ? - GeeksforGeeks
5	Diagonal Difference HackerRank	https://ideone.com/pTNEwa	daigonal-difference.w ebm	Python - Matrix - GeeksforGeeks
6	Plus Minus HackerRank	https://ideone.com/hHqtqD	plus - minus.webm	Precision Handling in Python - GeeksforGeeks

7	Staircase HackerRank	https://ideone.com/W5tNCG	stair case.webm	1. Python end parameter in print() - GeeksforGeeks 2.  Solve any Patter...
8	Mini-Max Sum HackerRank	https://ideone.com/8CUOQb	min-max sum.webm	max() and min() in Python - GeeksforGeeks
9	Birthday Cake Candles HackerRank	https://ideone.com/jPjrM2	birthday cake candles.webm	Python program to find smallest number in a list - GeeksforGeeks
10	Time Conversion HackerRank	https://ideone.com/SgrZif	time conversion.webm	Python slice() function - GeeksforGeeks
Learn about Time Complexity + Amortized Time Complexity	Time Complexity Vid:-> https://drive.google.com/file/d/1V91BJD0SJtBLbUo6aaeH3gZBTO5nEOap/view?usp=sharing Amortized Time Complexity :-> https://docs.google.c			

	om/document/d/16LcCpUDu5ZvMbSNtuRK2Q-SJu4eCVWCw1nFvgTK5RuY/edit?usp=sharing			
Before moving forward, equip yourself with the basics of Hashing	Watch this video Hashing Part 0 Watch this video Hashing Part 1 Watch this video Hashing Part 2.	Read this document while watching video		
11	Grading Students HackerRank	https://ideone.com/uKDUL7	grading students.webm	The Python Modulo Operator - What Does the % Symbol Mean in Python? (Solved)
12	Apple and Orange HackerRank	https://ideone.com/eYB3yu	apples bananas.webm	Just above references were enough
13	Number Line Jumps HackerRank	https://ideone.com/EbmigR	kangaroos.webm	Number Lines (Definition, Representation 1 to

				100, Examples)
14	Between Two Sets HackerRank	https://ideone.com/oAc7zZ	between-to-sets.webm	Number Theory (Definition, Basics, Examples)
15	Breaking the Records HackerRank	https://ideone.com/F7Hus5	breaking records.webm	Above references are enough
Learn about Time Complexity + Amortized Time Complexity	<p>Time Complexity Vid:-> https://drive.google.com/file/d/1V91BJD0SJtBLbUo6aaeH3gZBTO5nEOap/view?usp=sharing</p> <p>Amortized Time Complexity :-> https://docs.google.com/document/d/16LcCpUDu5ZvMbSNtuRK2Q-SJu4eCVWCw1nFvgTK5RuY/edit?usp=sharing</p>			
16	Subarray Division HackerRank	https://ideone.com/kg7BJK	birthday_bar.webm	Sum of all subarrays of size K - GeeksforGeeks

17	Divisible Sum Pairs HackerRank	https://ideone.com/8yLvKD	divisible_pair_sum.webm	Subarray/Substring vs Subsequence and Programs to Generate them - GeeksforGeeks
18	Migratory Birds HackerRank	https://ideone.com/QqB4Zi	migratary birds.webm	Python Dictionary - GeeksforGeeks Iterate over a dictionary in Python - GeeksforGeeks
19	Bill Division HackerRank	https://ideone.com/Q56BiM	bill divison.webm	Above references were enough
20	Day of the Programmer HackerRank	https://ideone.com/suS8SB	DAY OF PROGRAM MER.webm	ABOVE REFERENCES ARE ENOUGH
21	Counting Valleys HackerRank	https://ideone.com/EUKQCa	count valleys.webm	Above references are enough
22	Electronics Shop HackerRank	https://ideone.com/T-hopF7	electronic shop.webm	
23	Picking Numbers HackerRank	https://ideone.com/1Oa8YZ	picking numbers.webm	Sorting Algorithms in Python - GeeksforGeeks
24	Designer PDF Viewer HackerRank	https://ideone.com/zAxJ6Q	design pdf.webm	

25	<u>uptopian tree</u>	<u>https://ideone.com/a8Z03a</u>	<u>tree height.webm</u>	
26	<u>circular array rotation</u>	<u>https://ideone.com/Dj8YHP</u>	<u>circular array.webm</u>	
27	<u>Angry Professor HackerRank</u>	<u>https://ideone.com/fn6avO</u>	<u>angry professor.webm</u>	
28	<u>permutation equation</u>	<u>https://ideone.com/OEybcS</u>	<u>sequence number.webm</u>	
29	<u>Find Digits HackerRank</u>	<u>https://ideone.com/scij6Y</u>	<u>find digits.webm</u>	
30	<u>The Hurdle Race HackerRank</u>	<u>https://ideone.com/i5htNN</u>	<u>The Hurdle Race.webm</u>	
31	<u>cut the sticks</u>	<u>https://ideone.com/ZIuPOf</u>	<u>cut the sticks.webm</u>	
32	<u>acm icpc</u>	<u>https://ideone.com/IOuNnF</u>	<u>acm icpc.webm</u>	
33	<u>Taum and B'day HackerRank</u>	<u>https://ideone.com/IHqFh</u>	<u>taum and bday.webm</u>	
34	<u>Modified Kaprekar Numbers HackerRank</u>	<u>https://ideone.com/vK0pcP</u>	<u>modified kaprikar.webm</u>	
35	<u>cavity map</u>	<u>https://ideone.com/PzTtHB</u>	<u>Cavity Map.webm</u>	

36	manas	https://ideone.com/h1NSm7	manas.webm	
37	Happy Ladybugs HackerRank	https://ideone.com/mggOh3	happy ladybugs.webm	
38	Find the Median HackerRank	https://ideone.com/HnjkGU	find the median.webm	
39	Chocolate Feast HackerRank	https://ideone.com/CpLWd	chocolate feast.webm	
41	Insertion Sort - Part 1 HackerRank	https://ideone.com/vpaUUR	insertion sort -1.webm	Insertion Sort - GeeksforGeeks  Sorting - Part 1 ...
40	Running Time of Algorithms HackerRank	https://ideone.com/IRv7v	runtime.webm	Insertion Sort - GeeksforGeeks
42	Strange Counter HackerRank	https://ideone.com/16yvXS	strange counter.webm	
43	Closest Numbers HackerRank	https://ideone.com/15SpJB	closest numbers.webm	Sorting Algorithms - GeeksforGeeks Learn about every sorting algorithm because every algorithm has its own method and we can

				learn different tricks from each technique..
44	Counting Sort 1 HackerRank	https://ideone.com/5CcO7d	missing numbers.webm	
45	Missing Numbers HackerRank	https://ideone.com/kd64pK	counting sort 1.webm	