

ASSIGNMENT 1

Last date of submission of assignment: 11-01-2024 before 05:00 PM

Write about the assigned topic (**Handwritten only**) mentioned in front of your name/enrolment for at least 2-3 pages. In cover page there should be your details (Cover page format for assignment is given below).

SN	NAME OF THE STUDENTS	DEPARTMENT	ENROLMENT	ASSIGNMENT TOPIC
1	Aavesh Warkade	Computer Sc.	2201151001	Naïve string matching
2	Abhinav Kumar Singh	Computer Sc.	2201151002	n-Queen Problem
3	Abhishek Kumar Chakrdhari	Computer Sc.	2201151003	Graph Coloring
4	Aditi Mishra	Computer Sc.	2201151004	Tic-Tac-Toe
5	Aditya Kumar	Computer Sc.	2201151005	Branch and Bound strategy
6	Anshul Yadav	Computer Sc.	2201151007	Backtracking strategy
7	Anupam Singh Baghel	Computer Sc.	2201151008	Sudoku puzzle
8	Ayushi Singh	Computer Sc.	2201151009	minimum spanning tree using Kruskal
9	Chandrabhan Parachhi	Computer Sc.	2201151010	minimum spanning tree using Prim
10	David Kumar	Computer Sc.	2201151011	Job sequencing
11	Devvrat Swapnil Gupta	Computer Sc.	2201151012	Greedy Algorithm
12	Dipeeka Patidar	Computer Sc.	2201151013	Travelling Salesman problem
13	Ghanshyam Maitri	Computer Sc.	2201151014	0/1 Knapsack problem
14	Himanshu Kumar	Computer Sc.	2201151015	Longest common subsequence
15	Kanika Bairagi	Computer Sc.	2201151016	Dynamic Programming
16	Kartik Maurya	Computer Sc.	2201151017	Binary search
17	Md Ujair	Computer Sc.	2201151018	Merge sort
18	Mohammad Saif Mansoori	Computer Sc.	2201151020	Quick-sort
19	Pradeep Gupta	Computer Sc.	2201151021	Divide and Conquer approach
20	Pranshu Singh	Computer Sc.	2201151022	Linear search
21	Rajendra Singh	Computer Sc.	2201151023	Count sort
22	Riddhi Kushwaha	Computer Sc.	2201151024	Insertion sort
23	Sagar Soy	Computer Sc.	2201151025	Brute-force approach
24	Saleeb Manjhi	Computer Sc.	2201151026	Case Analysis of Algorithms
25	Shivanshu Sajjan	Computer Sc.	2201151027	Asymptotic notation
26	Sneha Shivhare	Computer Sc.	2201151028	Naïve string matching
27	Tanishka Maurya	Computer Sc.	2201151029	n-Queen Problem
28	Vasundhara Rathour	Computer Sc.	2201151030	Graph Coloring
29	Yashpal Dhiman	Computer Sc.	2201151031	Tic-Tac-Toe
30	Shubham Das	Computer Sc.	2201151032	Branch and Bound strategy
31	Kamlesh Kushwaha	Computer Sc.	2201151033	Backtracking strategy
32	Ayush Kaushal	Computer Sc.	2201151034	Sudoku puzzle
1	Akash Kumar Maravi	Mathematics	2201136002	minimum spanning tree using Kruskal
2	Akhilesh Kumar	Mathematics	2201136003	minimum spanning tree using Prim
3	Jay Prakash Vishwakarma	Mathematics	2201136008	Job sequencing
4	Keshri Ahirwar	Mathematics	2201136009	Greedy Algorithm
5	Neha Sonkar	Mathematics	2201136011	Travelling Salesman problem
6	Ragni Yadav	Mathematics	2201136013	0/1 Knapsack problem
7	Sakshi Thakur	Mathematics	2201136014	Longest common subsequence
8	Shantanu patel	Mathematics	2201136017	Dynamic Programming

Last date of submission of assignment: 11-01-2024 before 05:00 PM

ASSIGNMENT 1

Last date of submission of assignment: 11-01-2024 before 05:00 PM

9	Siddhant Kumar	Mathematics	2201136019	Binary search
10	Subham Kumar	Mathematics	2201136021	Merge sort
11	Vaibhavi Tiwari	Mathematics	2201136022	Quick-sort
1	Divya Soni	Statistics	2201144002	Divide and Conquer approach
2	Mayank Shyam	Statistics	2201144006	Linear search
3	Nitin Raidas	Statistics	2201144007	Count sort
4	Palak Yadav	Statistics	2201144008	Insertion sort
5	Piyush Singh	Statistics	2201144009	Brute-force approach
6	Rithik Kumar Gupta	Statistics	2201144010	Case Analysis of Algorithms
7	Sunil Singh Otti	Statistics	2201144011	Asymptotic notation
1	Kanchan Kushwaha	Physics	2201139002	Complexity of algorithms
2	Khushi Rajak	Physics	2201139003	Introduction to Algorithms

Name of the student	
Enrolment Number	
Department	
Course/Class	
Semester	
Subject name	

Marks Obtained by student:	Maximum marks:
----------------------------	----------------

Last date of submission of assignment: 11-01-2024 before 05:00 PM