

APS (17ECSE309)
Crack a Hack – CIE Activity for 10 Marks

| Sl. No. | Student | Problem Selected |
|---------|----------------|--|
| 1. | Himanshu G | Dijkstra's Algorithm |
| 2. | Pooja G | Road Maintenance Problem |
| 3. | Rajesh S | Sherlock and Valid String |
| 4. | Anup T | Passing Baton |
| 5. | Rahul J | Matrix Layer Rotation |
| 6. | Abhijeet G | Infinite Links |
| 7. | Sujay K | Magic Value |
| 8. | Shivukumar | Sum of Squares of the digits is a Square |
| 9. | Vaishnavi | Unique Art |
| 10. | Akshay MG | Number Mind |
| 11. | Aakash Huligol | Arrays and Queries |
| 12. | Prathamesh S | Popsicle Stick Mountains |
| 13. | Swati S | Maximum Palindromes |
| 14. | Abhay K | Strange Function |
| 15. | Ashreet N S | Direct Connections |
| 16. | Pooja P | Keko the Brilliant |
| 17. | Apoorva | Permutation Happiness |
| 18. | Yogesh H | Dreamplay and the String Game |
| 19. | Tejas A | Ways to Give a Check |
| 20. | Sarjith R M | Max Score |
| 21. | Vishal M N | Winning Hand of Cards |
| 22. | Sarvesh | Sherlock Array |
| 23. | Akash B | Maximal Tourism |
| 24. | Abhishrey | Breaking Sticks |
| 25. | Priyanka H | Path Sum |
| 26. | Akash P | Maximum Disjoint Subtree Product |
| 27. | Aniket P | Factorial Array |
| 28. | Prajakta D | Afraid of Dark |
| 29. | Pavankumar | Triangles containing the Origin |
| 30. | Ananth B | Chamoernowne's constant |
| 31. | Aditya K V | Black White Tree |
| 32. | Om | Morgan and Strings |
| 33. | Anoop K | Animal Transport |
| 34. | Akhila J | Cost of Merging Strings |
| 35. | Prashant | Diwali Lights |
| 36. | Veeresh K | The Value of Friendship |
| 37. | Anup P | Even Tree |
| 38. | Sanath V | Snakes and Ladders: The Quickest Way Up |

Submission Guidelines:

Code and related theory, documented well with necessary references support (.doc)

Deadline:

02 April 2018, End of the Day.