Sets and Bits Manipulation-Report

Report content:

1. Problem statement.
2. Used data structures.
3. Algorithms used documented using flow charts or pseudo code.
4. Code Snippets.
5. Sample runs and different test cases.
6. Assumptions and details you find necessary to be clarified

* Problem statement:
* Used data structures:

we used array data structure:

string universal[1000]; -> this array is for the universal set and it is of type string

int arrss[numberofsets]; ->this array is used to store the integer numbers which reflect the binary representation of each subset

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| universal[0] | subset[1] | subset[2] | subset[3] | subset[4] | … |

* Algorithms used documented using flow charts.
* Code Snippets.
* Sample runs and different test cases.
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