1. Write a program that takes a character array and prints the nth left rotation of the array. Take the size of the array, the elements of the array and n as input. [10]

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| Sample Input | Sample Output |
| 7  a b c d e f g  4 | e f g a b c d |
| 7  e f g a b c d  3 | a b c d e f g h |

1. Write a program to compute the median and mode of an array of integers. [10]

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| Sample Input | Sample Output |
| 7  1 7 3 8 3 6 9 | Mode : 3  Median: 6 |
| 6  1 7 3 8 3 6 | Mode: 3  Median: 4.5 |

1. Write a program that replaces all occurrence of an element in an array of elements. The first line contains three integers. They are number of elements in the array, the number to be replaced and the number to be replaced with. The elements of the array will also be input. [10]

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| Sample Input | Sample Output |
| 8 2 9  2 4 6 8 7 2 1 4 | 9 4 6 8 7 9 1 4 |