**Msc(CS) sem-1, Department of Computer Science**

**Fundamentals of Programming**

**Programming exercises using ‘Array and strings’ 1-dimensional**

Accept an array of first 50 even numbers and do the following operations

1. Add all the terms

2. Update 6’th term by its square

3. Add 9’th and 12’th number and save in 19’th number.

4. Find maximum

5. Find minimum

6. Exchange values of 13’th and 17’th numbers.

7. Divide 30’th number by 12’th number and store in 19’th number.

8. Find median and standard deviation of the numbers.

9. Sort the list.

1. Write a program to copy one string into another using loop.
2. Display the following pattern

C

Co

Com

Comp

Compu

Comput

Compute

Computer

Compute

Comput

Compu

Comp

Com

Co

c

1. Print alphabet set in decimal and character form.
2. First name , middle name and last names are stored in three different arrays. Write a program to merge them and store in a single array.
3. Write a program to reverse a given string.
4. Write a program to compare two strings using loop.
5. Write a program to count words in a text.
6. Write a program to count frequency of a given letter in a given text.