

Programming with c

Assignment 3

- 1. Write a c program to find odd and even number using function.**
- 2. Write a c program to add two numbers using pointer.**
- 3. Write C program to implement string functions that are strcpy, strcat, strlen, strrev, strcmp.**
- 4. Write a program to show relationship between array and pointer.**
- 5. Write a program to illustrate dynamic memory allocation using malloc and calloc functions.**
- 6. Write a C program to take two array $A_{3 \times 4}$ and $B_{4 \times 2}$ from user and find the product of $A \times B$.**
- 7. Define Dynamic Memory Allocation? Write a program to allocate memory dynamically using malloc and calloc function.**
- 8. What is function? Why is it important?**
- 9. What is pointer? Explain pointer arithmetic with example.**
- 10. What is string? How is it represented in c?**
- 11. Write a c program to find sum of 2×2 matrix.**
- 12. Write a c program to find a factorial of a given number using function.**
- 13. Write a c program to accept marks of 10 students using array and print it in ascending order.**
- 14. Define Recursion with syntax? Write a c program to generate a Fibonacci series of a given n number.**
- 15. Difference between actual and formal parameters?**
- 16. What is an array? Give suitable example of an array.**