**Assignment 1**

1.*What would this code print?*

int x = 3;

if(x)

printf("yes\n");

else printf("no\n");

2.*Under what conditions will this code print ``water''?*

if(T < 32)

printf("ice\n");

else if(T < 212)

printf("water\n");

else printf("steam\n");

3.*What would this code print?*

int x = 3;

if(x)

printf("yes\n");

else printf("no\n");

4.*What would this code print?*

int i;

for(i = 0; i < 3; i = i + 1)

printf("a\n");

printf("b\n");

printf("c\n");

*5. What are the definitions of the ``Boolean'' values true and false in C?*

*6. Name three uses for the semicolon in C.*

7.*Write a program to find out how many of the numbers from 1 to 10 are greater than 3.*

*8.Write a program to compute the average of the ten numbers 1, 4, 9, ..., 81, 100.*

*9.Write a program to print the numbers between 1 and 10, along with an indication of whether each is even or odd.*

*10. Write a program to print the first 10 Fibonacci numbers.*

***ASSIGNMENT-2***

***1. Write a program in C to make such a pattern like a pyramid with an asterisk***

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***2. Write a program in C to display the first 10 natural numbers***

***3.Write a program in C to read 10 numbers from keyboard and find their sum and average.***

***4.****Write a program in C to display the multiplication table of a given integer*

*5. Write a program in C to display the pattern like right angle triangle using an asterisk*

*The pattern like :*

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***ASSIGNMENT-3***

***1. Write a c program to check whether a given number is a perfect number or no***

***2.Write a C program to check whether a given number is an armstrong number or not***

***3.Write a program in C to convert an octal number to a decimal without using an array***

***4.Write a program in C to read n number of values in an array and display it in reverse order***

***5.Write a program in C to copy the elements of one array into another array.***

***6.Write a program in C to merge two arrays of same size sorted in decending order***

***ASSIGNMENT-4***

***1.Write a program in C to find the largest element using Dynamic Memory Allocation.***

***2.Write a program in C for multiplication of two square Matrices***

***3.Write a program in C to find transpose of a given matrix***

***4.Write a program in C to add two numbers using pointers.***

***5.Write a program in C to store n elements in an array and print the elements using pointer.***

***6.Write a program in C to count the number of vowels and consonants in a string using a pointer.***

***ASSIGNMENT-5***

***1.Write a program in C to find the square of any number using the function.***

***2.Write a program in C to find the sum of the series 1!/1+2!/2+3!/3+4!/4+5!/5 using the function.***

***3. Write a program in C to check whether a number is a prime number or not using the function***

***4.Write a C programming to find out maximum and minimum of some values using function which will return an array***

***5.Write a program in C to Print Fibonacci Series using recursion***

***6.Write a C program for binary search.***

***7.Write a program in C to create and store information in a text file.***

***8.Write a program in C to read an existing file.***