## Lab Task 1

Write a C++ program that will print 10 odd integer starting from ‘a’ where ‘a’ is user defined number.

## Lab Task 2

Write a C++ program that will print 10 even integers starting from ‘a’ where ‘a’ is user defined number.

## Lab Task 3

Write a C++ program that will print 10 integers starting from ‘a’ and divisible by 2 and 3, where ‘a’ is user defined number.

## Lab Task 4

Write a C++ program that will print 10 integers starting from ‘a’ and multiple of 2 and 3, where ‘a’ is user defined number.

## Lab Task 5

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| **Task 5(CP)**  **This task consisted of three parts.**  **Part a**  Write a c++ program, which will print first 15 Even Numbers.  **Part b**  Write a c++ program, which will print first 15 Odd Numbers.  **Part c**  Make a Flowchart and write a c++ program, which will ask the user that which type of number he want to see (even or odd), based on the user selection, program will print the first 15 Numbers. |

## Lab Task 6

Write a C++ program to find maximum between three numbers.**(Use nested if-else).**

* Output of the above program

Enter three numbers: 10

20

30

Num3 is max.

## Lab Task 7

## Pseudo code:

pay=rate\*hours  
if hours > 40 then

pay = pay + (hours - 40) \* .5 \* rate

Display the pay

* Convert this design to C++ expressions/ code.

Let’s assume, pay of a person is 800 for an hour. That person works for a week and there are 40 hours in a week. Display that person’s pay using different situations

What would be the pay of that person if he spends

1. 40 hours a week?
2. 20 hours a week?
3. 45 hours a week?

## Lab Task 8

Draw a pyramid on console using Loop.

**Example:**

