

Department of Computer Science and Engineering

**Course Code :** CSE- 110

**Course Title :** Introduction to Computer System.

**Report :** 08

**Experiment Name :** Program to sum of odd number.

**Performance Date :** 7th May 2013

**Submission Date :** 15th May 2013.

**REMARKS**

**NAME : MD.JAHID**

**ID :** **12-023-1-02-00419**

**DEPT :** **CSE**

**YEAR :** **2013**

**SEM. :** **1st**

**Introduction:** The for statement is a loop, a generalization of the while. If you compare it to the earlier while, its operation should be clear. Within the parentheses, there are three parts, separated by semicolons. The first part, the initialization is done once, before the loop proper is entered. The second part is the test or condition that controls the loop.

**Objective:** Program to sum of odd number.

**Source Code:**

#include<stdio.h>

main()

{

int i,sum=0,odd,n;

printf("n:");

scanf("%d",&n);

for(i=1,odd=1;i<=2\*n-1;i++,odd=odd+2)

{

if(i%2 ==0)

sum=sum+ odd;

}

printf("Sum of odd no = %d",sum);

}

**Sample input:**

N: 100

**Sample Output:**

Sum of odd no = 19701

Process returned 21 (0x15) execution times: 2.766 s

Press any key to continue.

**Discussion:** In this program we have taken the for loop condition. There was no problem compiling this program