Medi-Caps University

मेडी-केप्स विश्वविद्यालय, इन्दौर
Medi-Caps University, Indore

COMPUTER PROGRAMMING

Programming Assignment

Submitted To
Gaurav Sharma Sir

Submitted By
Prashant Ranjan Singh

- Program to to print Fibonacci series

I. Input of program

```c
#include <stdio.h>
int main()
{
    int i, n, t1 = 0, t2 = 1;
    int nextTerm = t1 + t2;
    printf("Enter the number of terms: ");
    scanf("%d", &n);
    printf("Fibonacci Series: %d, %d, ", t1, t2);
    for (i = 1; i <= n; ++i)
    {
        printf("%d, ", nextTerm);
        t1 = t2;
        t2 = nextTerm;
        nextTerm = t1 + t2;
    }
    return 0;
}
```

II. Output of Program

```
Enter the number of terms: 16
Fibonacci Series: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597,

...Program finished with exit code 0
Press ENTER to exit console.
```