PRACTICAL-5

WAP TO PRINT FIRST N TERMS OF FIBONACCI SERIES.

```c
#include <stdio.h>
void fibonacciSeries(int n)
{
    int a = 0, b = 1, c;
    for (int i = 0; i < n; i++)
    {
        printf("%d\t", a);
        c = a + b;
        a = b;
        b = c;
    }
}

int main()
{
    int term;
    printf("Enter the term: ");
    scanf("%d", &term);
    printf("The fibonacci series is: \n");
    fibonacciSeries(term);
    return 0;
}
```

OUTPUT:-

PRACTICAL-5

WAP TO FIND SUM OF N NATURAL NUMBER ENTERED.

```c
#include <stdio.h>

int sum(int n)
{
    int add = 0;
    for (int i = 1; i <= n; i++)
    {
        add += i;
    }
    return add;
}

int main()
{
    int range, result;
    printf("Upto which number you want to find sum: ");
    scanf("%d", &range);
    result = sum(range);
    printf("1+2+3+….+%d+%d = %d", range - 1, range, result);
}
```

OUTPUT:-

PRACTICAL-5

WAP TO FIND SUM OF 2 NUMBERS GIVEN BY USER

```c
#include <stdio.h>

float addition(float num1, float num2)
{
    float sum;
    sum = num1 + num2;
    return sum;
}

int main()
{
    float number1, number2, result;
    printf("Enter two number: ");
    scanf("%f %f", &number1, &number2);
    result = addition(number1, number2);
    printf("%.2f + %.2f = %.2f\n",
           number1, number2, result);

    return 0;
}
```

OUTPUT:-

PRACTICAL-5

WAP TO FIND SQUARE OF A NUMBER

```c
#include <stdio.h>
long power(int a, int b);

long power(int a, int b)
{
    long result = 1;
    for (int i = 1; i <= b; i++)
    {
        result *= a;
    }
    return result;
}
int main()
{
    int num1;
    printf("Enter base: ");
    scanf("%d", &num1);
    long result = power(num1, 2);
    printf("The result = %ld", result);
    return 0;
}
```

OUTPUT:-