

## (fibonacci series)

## Practical NO.13

**Aim:** Write a Program in C++ using oop to create a class fib with constructor, destructor, and a member function void genfib(). Print a message when the object is created and when it is destroyed.

**Code:**

```
#include <iostream.h>
#include <conio.h>
class fib {
public:
    fib() {
        cout << "object is boring\n";
    }
    void genfib() {
        int a=0, b=1, c, i;
        cout << "Fibonacci fibonacci series (first 10 terms): \n";
        cout << a << " " << b << " ";
        for (i=3; i<=10; i++) {
            c = a+b;
            cout << c << " ";
            a = b;
            b = c;
        }
        cout << "\n";
    }
    ~fib() {

```

```
cout << "objects are destroyed...\n";  
}  
};  
void main() {  
    clrscr();  
    fib f;  
    f.gen fib();  
    getch();  
}
```