

9. Implement a C Program sum of Fibonacci Series

Code

```
#include <stdio.h>

int main() {
    int n=6, a=0, b=1, c, i, sum=0;
    for(i=1; i<=n; i++) {
        sum += a;
        c = a + b;
        a = b;
        b = c;
    }
    printf("Sum = %d\n", sum);
    return 0;
}
```

Output

The screenshot shows a code editor interface with a tab labeled "main.c". The code itself is identical to the one provided above. To the right of the code area is an "Output" panel. The output shows the result of running the program: "Sum = 12" followed by the message "*** Code Execution Success".

```
main.c
1 #include <stdio.h>
2 int main() {
3     int n=6, a=0, b=1, c, i, sum=0;
4     for(i=1; i<n; i++) {
5         sum += a;
6         c = a + b;
7         a = b;
8         b = c;
9     }
10    printf("Sum = %d\n", sum);
11    return 0;
12 }
```

Output

Sum = 12
*** Code Execution Success