```c
#include <stdio.h>

int fib(int n)
{
if(n==0)
return 0;
else if(n==1)
return 1;
else
return fib(n - 1) + fib(n - 2);
}
int main()
{
int n, i;
printf("Enter the number: ");
scanf("%d", &n);
printf("Fibonacci series: \n");
for(i = 0;i<n;i++)
{
printf("%d ", fib(i));
}

}
```

```
miruthi@Miruthis-MacBook-Air Desktop % gcc q3.c -o q3
[miruthi@Miruthis-MacBook-Air Desktop % ./q3
 Enter the number: 7
 Fibonacci series:
[0 1 1 2 3 5 8 %
```