

Fibonacci series using recursion

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
int first=0, second=1, i, n, sum=0;
```

```
printf("Enter the number of terms: ");
```

```
scanf("%d",&n);
```

```
printf("Fibonacci Series:");
```

```
for(i=0 ; i<n ; i++)
```

```
{
```

```
if(i <= 1)
```

```
{
```

```
sum=i;
```

```
}
```

```
else
```

```
{
```

```
sum=first + second;
```

```
first=second;
```

```
second=sum;
```

```
}
```

```
printf(" %d",sum);
```

```
}
```

```
return 0;
```

```
}
```