4) fibonacci series without 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;

}

Output:

