Divided and conquer	Dynamic programming

#include<stdio.h>
#include<conio.h>
int fib(int);
main()
 	
{ int n,m,i;
printf(" enter the n value \n");
scanf("%d",&n);
 	
m= fib(n);
printf("\n fib(%d)= %d",n,m);
getch();
}
 	
int fib(int n)
{
if(n==1 || n==0) return n;
else
return fib(n-1)+fib(n-2);
}
	#include<stdio.h>
	#include<conio.h>
	int fib(int);
	int saveF[100];
	
	main()
	{ int n,m,i;
	printf(" enter the n value \n");
	scanf("%d",&n);
	
	for(i=0;i<=n;i++)
	saveF[i]=0;// intially all values in the matrix zeros
	
	m= fib(n);
	printf("\n fib(%d)= %d",n,m);
	getch();
	}
	
	int fib(int n)
	{
	if(saveF[n]>0)
	return saveF[n];
	if(n==1 || n==0) return n;
	else
	saveF[n]= fib(n-1)+fib(n-2);
	return saveF[n];
	}