1  
Fibonacci  
series  
#include<stdio.h>  
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int  
main(){  
int  
main(){  
int  
n,a=0,b=1,c,i;  
int  
n,a=0,b=1,c,i;  
scanf("%d",&n);  
scanf("%d",&n);  
for(i=1;i<=n;i++){  
for(i=1;i<=n;i++){  
printf("%d",c);  
printf("%d  
",a);  
a=b;b=c;  
c=a+b;  
c=a+b;  
a=b;b=c;  
}  
}  
}  
}  
2  
Smallest  
Prime  
Number  
#include<stdio.h>  
int  
main(){  
int  
n,i,j,flag,count=0;  
scanf("%d",&n);  
for(i=n+1;count<5;i++){  
flag=0;  
for(j=2;j<=n/2;j++){  
if(i%j==0){  
flag=1;  
break;  
}  
}  
if(flag==0){  
printf("%d  
",i);  
count++;

}  
}  
}  
3  
Prime  
or  
Composite  
number  
#include<stdio.h>  
int  
main(){  
int  
n,i;  
scanf("%d",&n);  
int  
flag=0;  
for(i=2;i<=n/2;i++){  
if(n%i==0){  
flag=1;  
break;  
}  
}  
if(flag==0){  
printf("%d  
is  
a  
prime  
number",n);  
}  
else{  
printf("%d  
is  
a  
composite  
number",n);  
}  
}  
4  
Series  
Sum  
Calculator  
#include<stdio.h>  
int  
main(){  
int  
n,digits,i,result=0,sum=0;

scanf("%d  
%d",&n,&digits);  
for(i=0;i<digits;i++){  
result=result\*10+n;  
sum+=result;  
printf("%d",result);  
if(i<n){  
printf("  
+  
");  
}  
}  
printf("\n%d",sum);  
}  
5  
Divisor  
Sum  
and  
Equality  
Checker  
#include<stdio.h>  
int  
main(){  
int  
n,i,sum=0;  
scanf("%d",&n);  
for(i=1;i<=n;i++){  
if(n%i==0){  
sum+=i;  
printf("%d  
",i);  
}  
}  
printf("\n%d",sum);  
if(sum==n){  
printf("\n%d  
is  
an  
equal  
number",sum);  
}  
else{  
printf("\n%d  
is  
not  
an  
equal  
number",sum);