

```
1  #include<stdio.h>
2  int main(){
3      int n,i,s=0;
4      printf("Enter number : ");
5      scanf("%d", &n);
6
7      for(i=1;i<n;i++){
8          if(n%i==0)
9              s=s+i;
10
11     }
12     if(s==n)
13         printf("Given Number %d is Perfect Number",n);
14
15     else
16         printf("Given Number %d is not Perfect Number",n);
17
18     return 0;
19
20 }
21
```

```
1  #include<stdio.h>
2  int main(){
3      int n,i,fact,rem,sum=0,temp;
4      printf("Enter a number : ");
5      scanf("%d", &n);
6
7      temp =n;
8
9      while(n){
10         i =1,fact =1;
11         rem =n%10;
12         while(i<=rem){
13             fact = fact*i;
14             i++;
15         }
16         sum = sum+fact;
17         n =n/10;
18
19     }
20     if(sum==temp)
21         printf("%d is a strong number",temp);
22
23     else
24         printf("%d is not a strong number",temp);
25     return 0;
26
27 }
28
```



```
1  #include<stdio.h>
2  int main(){
3      int a=0,b=1,c,n,i=2;
4      printf("Enter a number : ");
5      scanf("%d", &n);
6
7      printf("%d, %d, ",a,b);
8
9      for(i=3;i<=n;i++){
10         c =a+b;
11         printf("%d, ", c);
12         a=b;
13         b=c;
14
15     }
16
17     return 0;
18
19 }
20
```