STRONG NUMBER

#include<stdio.h>

void main()

{

int a,r,sum,a1,fact,i;

printf("entr no:");

scanf("%d",&a);

a1=a;

sum=0;

while(a!=0)

{

r=a%10;

i=1;

fact=1;

while(i<=r)

{

fact=fact\*i;

i++;

}

sum=sum+fact;

a=a/10;

}

if(sum == a1)

{ printf("%d is a strong number",a1);

}

else

{ printf("%d is not a strong number",a1);

}

OUTPUT:

entr no:145

145 is a strong number