ESSAY2.C

```c
#include<stdio.h>
int main()
{
int n,i,k=n,r,f=fact(r);
int sum=0;
printf(" Enter a number");
scanf("%d",&n);
while(k!=0)
{
r=k%10;
k=k/10;
sum=sum+f;
}
if(sum==n)
{
printf("\ngiven number is a strong number");
}
else
{
printf("\ngiven number is not strong");
}
```

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```
sum=sum+f;
}
if(sum==n)
{
printf("\ngiven number is a strong number");
}
else
{
printf("\ngiven number is not strong");
}
return 0;
}
int fact(int r)
{
int mul=1,i;
for(i=1;i<=r;i++)
{
mul=mul*i;
}
return mul;
}
```

```
C:\TURBOC3\BIN>TC
 Enter a number153

given number is not strong Enter a number26

given number is a strong number Enter a number40585

given number is not strong Enter a number160

given number is not strong Enter a number59.5

given number is not strong Enter a numberα_
```