```cpp
#include<iostream>
using namespace std;
int fact(int n){
    int facto=1;
    for(int i=1;i<=n;i++){
        facto*=i;
    }
    return facto;
}

int main() {
    int n=145,sum=0,org=n;
    while(n!=0){
        int d=n%10;
        sum=sum+fact(d);
        n=n/10;
    }
    if(sum==org){
        cout<<"strong:"<<org;
    }else{
        cout<<"not a strong:"<<org;
    }
    return 0;
}
```

```
C:\Users\sunka\OneDrive\Des   X   +   v

strong:145
------------------------------------
Process exited after 1.448 seconds with return value 0
Press any key to continue . . .
```