**echo "Enter the number"  
read n  
function ams  
{  
t=$n  
s=0  
b=0  
c=10  
while [ $n -gt $b ]  
do  
r=$((n % c))  
i=$((r \* r \* r))  
s=$((s + i))  
n=$((n / c))  
done  
echo $s  
if [ $s == $t ]  
then  
echo "Amstrong number"  
else  
echo "Not an Armstrong number"  
fi  
}  
result=`ams $n`  
echo "$result"**