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#include<stdio.h>

int main(){
    int sum=0,temp,num,a;

    printf("Enter an integer: ");
    scanf("%d", &num);
    temp=num;

    while(num>=0){
        a = num%10;
        sum = (sum + (a*a*a));
        num=num/10;
    }

    if(sum == temp)
        printf("%d is an Armstrong number\n", num);

    else
        printf("%d is not an Armstrong number\n", num);

    return 0;
}
```