


Finding given number is Armstrong or not

```
#include<stdio.h>

int main()
{
    int i,n,rem,sum=0;
    printf("enter a positive three digit number:");
    scanf("%d",&n);
    int temp=n;
    while(n>0)
    {
        rem=n%10;
        sum=sum+(rem*rem*rem);
        n=n/10;}
    if(temp==sum)
    {printf("armstrong number");
    }
    else
    {printf("not armstrong number");
    }
    return 0;
}
```

 C:\Users\Manideep\Documents\slot d lab PSS\5TH.exe

```
enter a positive three digit number:12345
not armstrong number
-----
Process exited after 5.478 seconds with return value 0
Press any key to continue . . .
```