write a PL/SQL program to check given number is Armstrong or not.

CODE

```
declare
    s number:=0;
    r number;
    n number;
    temp number;
    len number;
begin
    n:=&n;
    temp:=n;
    len:=length(to_char(n));
  while n>0
   loop
   r:=mod(n,10);
   s:=s+power(r,len);
   n:=trunc(n/10);
   end loop;
  if temp=s
  then
     dbms_output.put_line('Is Armstrong');
  else
    dbms_output.put_line('Not Armstrong');
  end if;
end;
```

OUTPUT

```
SQL> @Z:\DBMS\notepad\product.sql
 24  /
Enter value for n: 371
old    8:       n:=&n;
new    8:       n:=371;
Is Armstrong

PL/SQL procedure successfully completed.
```