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

Program:

```
declare
     n number;
     s number;
     r number;
     len number;
     m number;
begin
     n := &n;
     s := 0;
     m:=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 m=s
     then
          dbms_output.put_line('It is an Armstrong number');
     else
          dbms_output.put_line('It is not an Armstrong
number');
     end if;
end;
/
```

Output:

```
SQL> /
Enter value for n: 371
old    8:          n := &n;
new    8:          n := 371;
It is an Armstrong number

PL/SQL procedure successfully completed.
```