

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

## Program

```
declare

    n number:=&n;

    armstr number:=0;

    len number;

    temp number;

begin

    len:=length(to_char(n));

    temp:=n;

    while n != 0

    loop

        armstr:=armstr+power(mod(n,10),len);

        n:=trunc(n/10);

    end loop;

    if armstr = temp

    then

        dbms_output.put_line(temp || ' is an armstrong no. ');

    else

        dbms_output.put_line(temp || ' is not an armstrong no. ');

    end if;

end;
```

# Output

```
SQL> /  
Enter value for n: 153  
old 2:          n number:=&n;  
new 2:          n number:=153;  
153 is an armstrong no.  
  
PL/SQL procedure successfully completed.
```