

12_Armstrong.py

```
1  # Program - 12
2  def arm ():
3      n=int(input("Enter the number:"))
4      s=n
5      b= len(str (n))
6      Sum=0
7      while n!=0:
8          Sum=Sum+(8** b)
9          n = n //10
10         if s==Sum:
11             print (" The given number", s, "isarmstrong number")
12         else:
13             print (" The given number", s, " is not armstrong number")
14 arm()
```