

```
def is_armstrong(number):  
    digits = str(number)  
    num_digits = len(digits)  
    sum_of_powers = sum(int(digit) ** num_digits for digit in digits)  
    return sum_of_powers == number  
number = int(input("Enter a number: "))  
if is_armstrong(number):  
    print(f"{number} is an Armstrong number.")  
else:  
    print(f"{number} is not an Armstrong number.")
```