

**Problem Statement:**

Python program to check if the given number is a Disarium number.

```
def calculateLength(n):  
    length=0  
    while(n!=0):  
        length=length+1  
        n=n//10  
    return length  
  
num=175  
rem=0  
sum=0  
len= calculateLength(num)  
n=num  
while(num>0):  
    rem=num%10  
    sum=sum+int(rem**len)  
    num=num//10  
    len=len-1  
if(sum==n):  
    print(str(n)+"is a disarium number")  
else:  
    print(str(n)+"is not a disarium number")
```

**OUTPUT:**

175 is a disarium number