```python
def sumDigatSquare(n):
    sq = 0;

    while (n!=0):
        digit=n%10
        sq+=digit*digit
        n=n//10
    return sq

def isHappy (n):
    s=set()
    s.add
    while (True):
        if(n == 1):
            return True;
        n=sumDigitsquare
        if n in s:
            return False
        s.add
    return false;

n=int(input ("enter the number:"))
if (isHappy (n)):
    print("true")
else:
    print ("false")
```