

```
"def numSquareSum(n):
    squareSum = 0;
    while(n):
        squareSum += (n % 10) * (n % 10);
        n = int(n / 10);
    return squareSum;
def isHappynumber(n):
    slow = n;
    fast = n;
    while(True):
        slow = numSquareSum(slow);
        fast = numSquareSum(numSquareSum(fast));
        if(slow != fast):
            continue;
        else:
            break;
    return (slow == 1);
n = int(input("Enter number:"));
if (n<=0):
    print("invalid")
else:
    if (isHappynumber(n)):
        print(True);
    else:
        print(False);
```