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#!/usr/bin/env python
# coding: utf-8

# # First Answer

# In[1]:

Input : 1634
1*1*1*1 + 6*6*6*6 + 3*3*3*3 + 4*4*4*4
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# # Second Answer

# In[2]:
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```
n=int(input("Enter the number: "))
c=0
a=1
b=1
if n==0 or n==1:
    print("Yes")
else:
    while c<n:
        c=a+b
        b=a
        a=c
    if c==n:
        print("Yes")
    else:
        print("No")
```

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# In[3]:
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```
n=int(input("Enter the number: "))
c=0
a=1
b=1
if n==0 or n==1:
    print("Yes")
else:
    while c<n:
        c=a+b
        b=a
        a=c
    if c==n:
        print("Yes")
    else:
        print("No")
```

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# In[ ]:
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