

```
"""can a number be expressed as sum of 2 prime numbers"""
a=int(input("enter"))
b=[]
def prime(i):
    flag=0
    for j in range(2,i//2):
        if i%j==0:
            flag=1
            break
    if flag==0 :
        return True
    else:
        return False

for i in range(2,34):
    if prime(i):
        b.append(i)

for i in range(len(b)):
    for j in range(i+1,len(b)):
        if b[i]+b[j]==a:
            print(f"{a} can be expressed as sum of {b[i]} and {b[j]}")
```