

Problem Statement:

Python program to find nth ugly number

```
def maxDivide(a,b):  
    while a%b==0:  
        a=a/b  
    return a  
  
def isUgly(no):  
    no= maxDivide(no,2)  
    no= maxDivide(no,3)  
    no=maxDivide(no,5)  
    return 1 if no==1 else 0  
  
def getNthUglyNo(n):  
    i=1  
    count=1  
    while n>count:  
        i+=1  
        if isUgly(i):  
            count+=1  
    return i  
  
no= getNthUglyNo(150)  
print("150th ugly number is",no)
```

OUTPUT:

150th ugly number is 5832