def divide(self, A, B):

if A==0:

result=0

if A>0 and B>0 or A<0 and B<0:

result=A//B

else:

result = -1\*(A\*-1//B)

if result>=0:

return min(result,2\*\*31-1)

if result<0:

return max(result,-2\*\*31)