PROBLEM 1

SOURCE CODE:

a=int(input())

b=2

if a==1 or a==2:

print("0")

elif a==3:

print("2")

else:

for i in range(1,a-2):

b=(b\*2+2)%1000000007

print(b)

INPUT: 4

OUTPUT: 6

PROBLEM 2

SOURCE CODE:

a,b=list(map(int,input().split()))

c=list(map(int,input().split()))[:a]

for i in range(b):

f,g=list(map(int,input().split()))

h=min(c[f:g+1])

print(h)

INPUT:

8 5

2 3 1 2 3 2 3 3

0 3

4 6

6 7

3 5

0 7

OUTPUT:

1

2

3

2

1