class count\_primes

{

static boolean isPrime(int N)

{

for(int i = 2 ; i \* i <= N ; i++)

if(N % i == 0)

return false;

return true;

}

static int countPrimes(int N)

{

if(N < 3)

return 0;

int cnt = 1;//since number is atleast 3, 2 is a prime less than N

for(int i = 3 ; i < N ; i += 2)

if(isPrime(i))

cnt++;

return cnt;

}

public static void main(String args[])

{

int N = 10;

System.out.println(countPrimes(N));

}

}

2.

class Solution(object):

def hammingWeight(self, n):

n = str(bin(n))

print(n)

one\_count = 0

for i in n:

if i == "1":

one\_count+=1

return one\_count

num = "000000101101"

ob1 = Solution()

print(ob1.hammingWeight(num))