



# STUDENT REPORT

## DETAILS

### Name

N Prateeth Bharadwaj

### Roll Number

3BR21EC109

## EXPERIMENT

### Title

#### BINARY REPRESENTATION

### Description

You are given an integer 'n'. Write a Python function to calculate and return the sum of the digits in 'n' after converting it to its binary representation.

Sample Input:

15

Sample Output:

4

Explanation:

15, which has a binary representation of 1111, should return 4 as the sum of digits in binary representation is 4

### Source Code:

```
n=int(input())
binn=bin(n)[2:]
l=list(binn)
summ=0
for i in l:
    summ=summ+int(i)
print(summ)
```

## RESULT

5 / 5 Test Cases Passed | 100 %