



# STUDENT REPORT

## DETAILS

Name

A.Padmini

Roll Number

3BR21CS002

## EXPERIMENT

Title

BINARY REPRESANTION

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())
b=bin(n)
s=0
for i in b[2:]:
    if i=="1":
        s+=int(i)
print(s)
```

## RESULT

5 / 5 Test Cases Passed | 100 %