

Task 2

Write a function that takes in a decimal number, converts it to binary, stores it as a string of 1's and 0's, into the address passed as argument to the function. The input to the function should be an integer representing the decimal number and the character address where the binary string will be stored. The function does not return any value. Complete the code below to solve the task. The decimal number provided will not be bigger than 10,000.

```
#include<stdio.h>

void dec2bin(int dec, char *bin){

    //your code goes here

}

int main(){

int num;

char bin[100];

scanf("%d", &num);

dec2bin(num, bin);

printf("%s",bin); //prints binary of the given number

return 0;

}
```

INPUT

33

OUTPUT

100001

INPUT

7

OUTPUT

111