**DAY 10**

**CODE:**

#include<stdio.h>

#include<stdbool.h>

bool isPowerOfThree(int n){

if (n < 1) return false;

while(n % 3 == 0)

{

n = n / 3;

}

if(n==1)

return true;

return false;

}

void main()

{

int n;

printf("\nEnter a number to check: ");

scanf("%d",&n);

if(isPowerOfThree(n)==true)

printf("\nIt is a power of three!");

else

printf("\nIt is not a power of three!");

}

**OUTPUT:**

