Q. WRITE A PROGRAM TO CHECK IF A NUMBER IS DIVISIBLE BY BOTH 3 AND 5.

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program name:007\_divisibility.c

task:to check if a number is divisible by both 3 and 5

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#include<stdio.h>

int main()

{

int no=0;

printf("Enter a number:");

scanf("%d",&no);

if(no%15==0)//since both 3 and 5 are prime numbers for a number to be divisible by both it should be divisible by 15

printf("%d is divisible by both 3 and 5",no);

else

printf("%d is not divisible by both 3 and 5",no);

return 0;

}

OUTPUT:



