Q. WRITE A PROGRAM TO READ A NUMBER AND PRINT ITS FACTORS AND NO. OF FACTORS.

A. #include<stdio.h>

int main()

{

int num;

int fac = 0;

int c=1;

printf("Enter a positive integer: ");

scanf("%d", &num);

for ( c = 1; c <= num; c++) {

if (num % c == 0) {

fac++;

printf("The factor of %d is %d\n",num,c);

}

}

printf("The number of factors for %d is: %d\n", num,fac);

return 0;

}

OUTPUT:



