Q.WRITE A PROGRAMME TO THE PRINT THE NO OF FACTORS AND CHECK WHETHER IT IS A PRIME NUMBER

A. include<stdio.h>

int main()

{

int no,fac,d;

no=fac=0;

d=1;

printf("enter a no...:");

scanf("%d",&no);

while(d<=no)

{

if(no%d==0)

{

printf("Factor of %d is %d\n",no,d);

fac++;

}

d++;

}

printf("No of Factors for %d are %d",no,fac);

if(fac<=2)

printf("\nit is a prime number ");

else

printf("\nit is not a prime number");

}

OUTPUT:

