**Write a program that includes a function which returns 1 if the argument passed to it is a prime number and 0 otherwise.**

**#include<stdio.h>**

**#include<conio.h>**

**int primech(int);**

**int main()**

**{**

**int num,c;**

**printf("Enter a integer:\t");**

**scanf("%d",&num);**

**c=primech(num);**

**if(c==1)**

**{**

**printf("%d is prime",num);**

**}**

**else**

**{**

**printf("%d is not prime",num);**

**}**

**getch();**

**return 0;**

**}**

**int primech(int n)**

**{**

**int i;**

**for(i=2;i<n;i++)**

**{**

**if(n%i==0)**

**{**

**break;**

**}**

**}**

**if(i==n)**

**{**

**return 1;**

**}**

**else**

**{**

**return 0;**

**}**

**}**