**Write a program in c to check whether a number is prime or not**

**int primeno(int, int);**

**int main()**

**{**

**int num, check;**

**printf("Enter a number: ");**

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

**check = primeno(num, num / 2);**

**if (check == 1)**

**{**

**printf("%d is a prime number\n", num);**

**}**

**else**

**{**

**printf("%d is not a prime number\n", num);**

**}**

**return 0;**

**}**

**int primeno(int num, int i)**

**{**

**if (i == 1)**

**{**

**return 1;**

**}**

**else**

**{**

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

**{**

**return 0;**

**}**

**else**

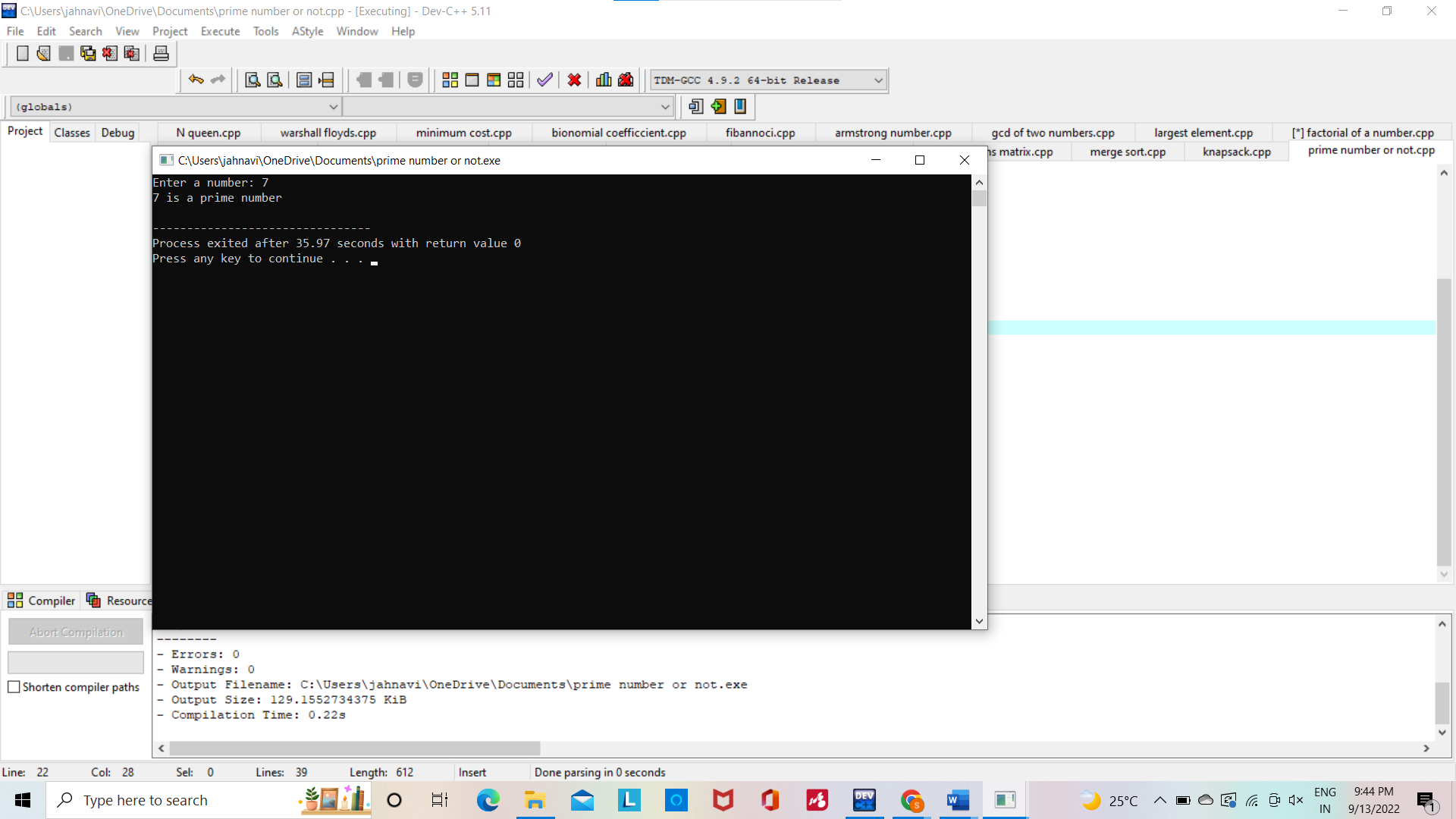
**{**

**return primeno(num, i - 1);**

**}**

**}**

**}**

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