1. ****Python Program for Efficient program to print all prime factors of a given number.****

**n=int(input("Enter an integer:"))**

**print("Factors are:")**

**i=1**

**while(i<=n):**

**k=0**

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

**j=1**

**while(j<=i):**

**if(i%j==0):**

**k=k+1**

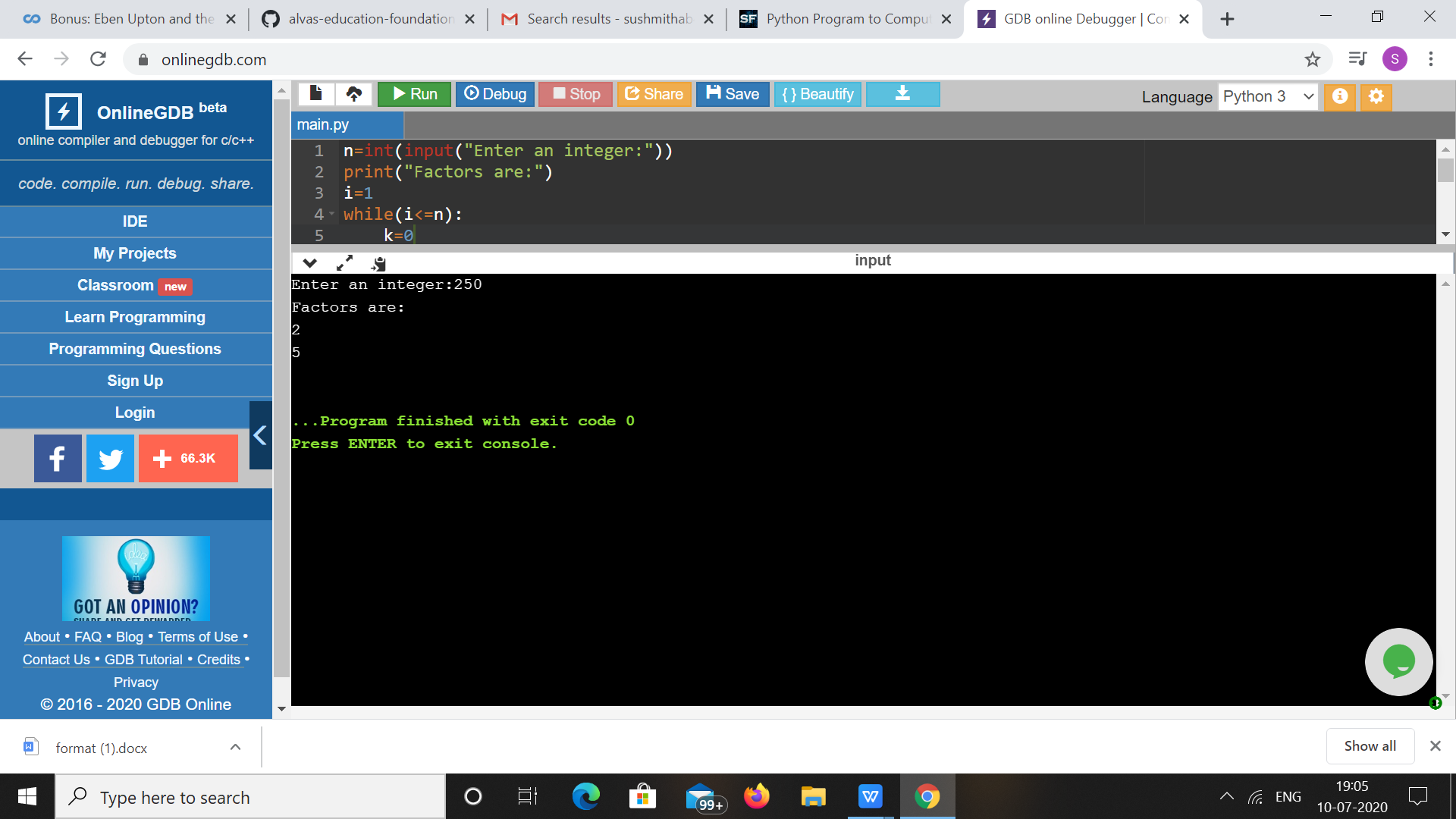
**j=j+1**

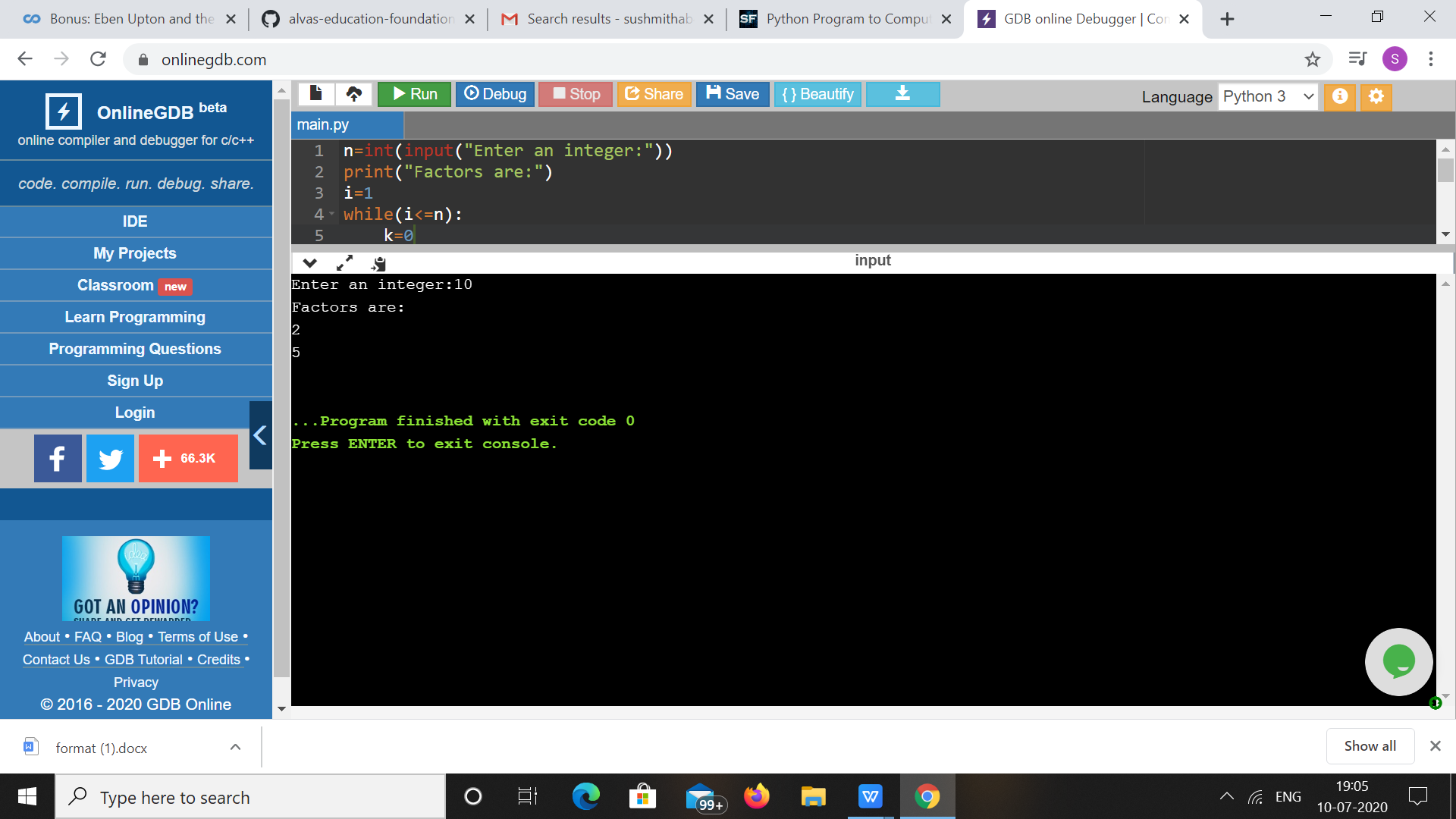
**if(k==2):**

**print(i)**

**i=i+1**

****OUTPUT****

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