

#prime or not

```
read -p "enter a no.:" n
```

```
for (( i=2; i<=$(( $n / 2 )); i++ ))
```

```
do
```

```
if [[ $(( $n % i )) -eq 0 ]]
```

```
then
```

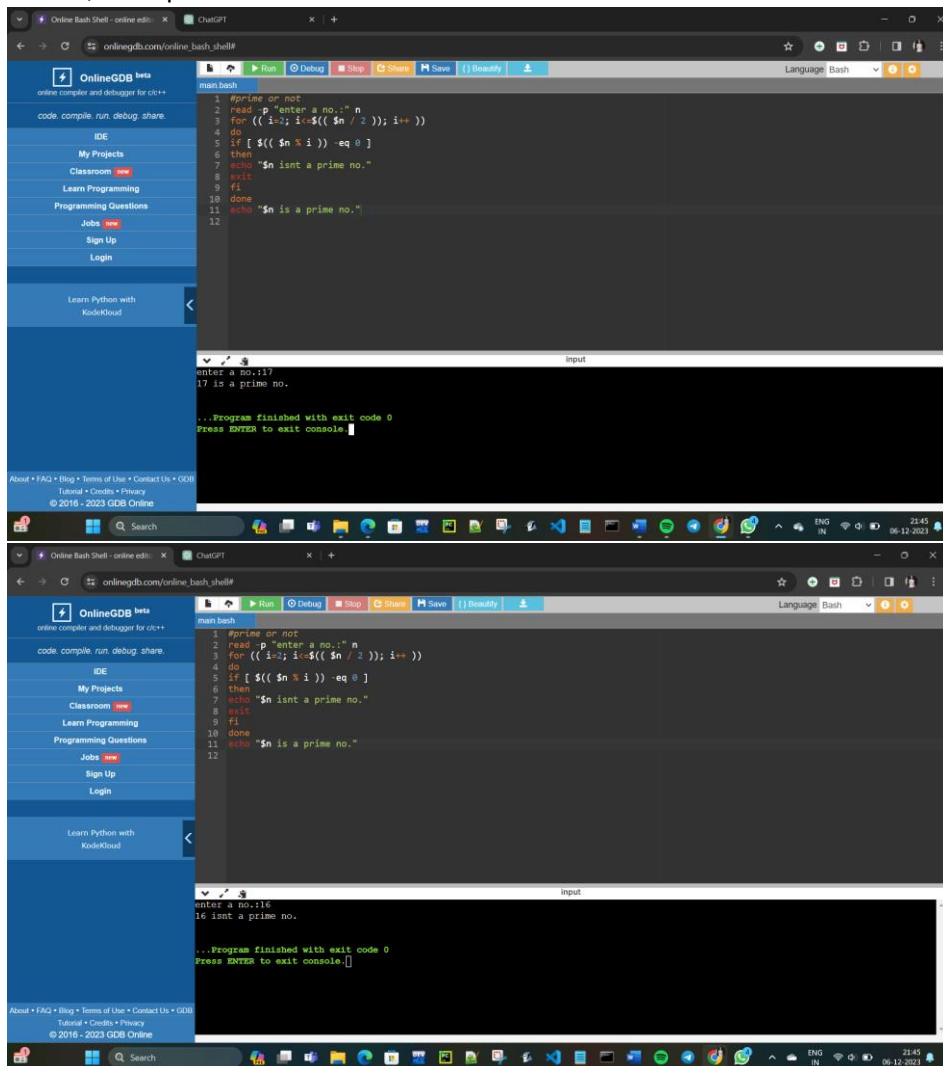
```
echo "$n isnt a prime no."
```

```
exit
```

```
fi
```

```
done
```

```
echo "$n is a prime no."
```



The image displays two screenshots of the OnlineGDB IDE, showing the execution of a C++ program that checks if a number is prime. The program code is as follows:

```
1 #prime or not
2 read -p "enter a no.:" n
3 for (( i=2; i<=$(( $n / 2 )); i++ ))
4 do
5 if [ $(( $n % i )) -eq 0 ]
6 then
7 echo "$n isnt a prime no."
8 exit
9 fi
10 done
11 echo "$n is a prime no."
12
```

First Screenshot: The program is executed with input 17. The output is "17 is a prime no.".

Second Screenshot: The program is executed with input 116. The output is "116 isnt a prime no.".