

```
#whether a no is prime or not
```

```
read -p "Enter Number : " num
```

```
for((i=2; i<=num/2; i++))
```

```
do
```

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

```
then
```

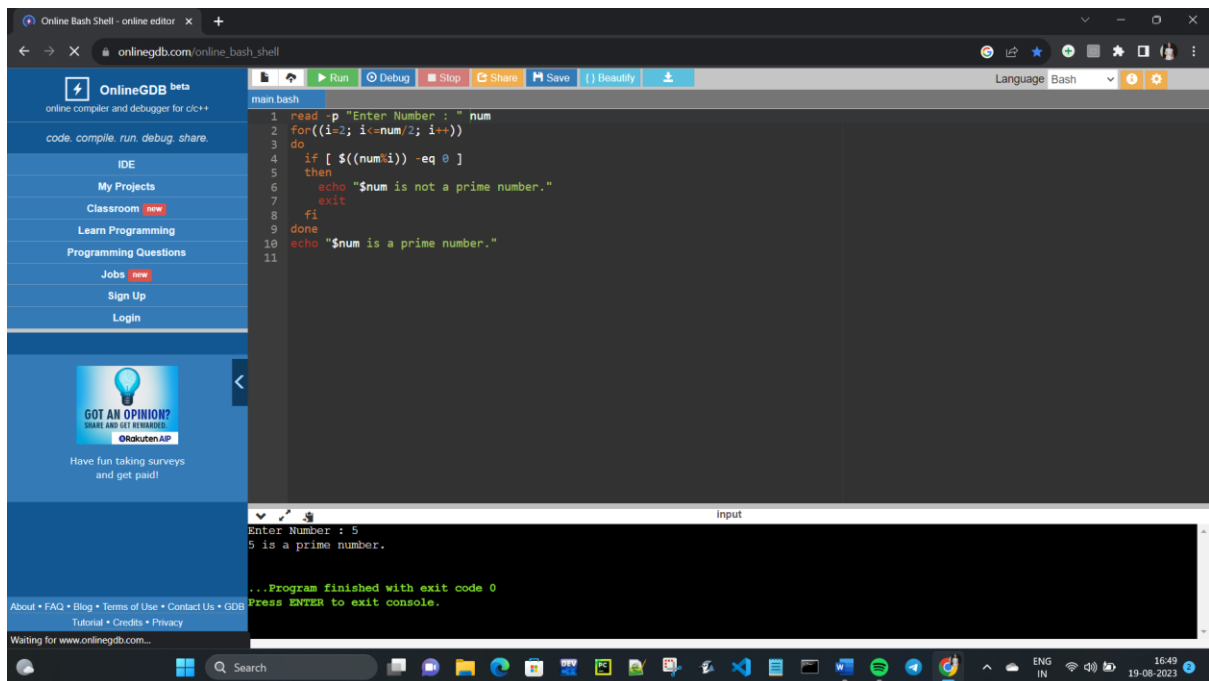
```
echo "$num is not a prime number."
```

```
exit
```

```
fi
```

```
done
```

```
echo "$num is a prime number."
```



The screenshot displays the OnlineGDB web interface. The left sidebar contains navigation links such as 'My Projects', 'Classroom', 'Learn Programming', and 'Programming Questions'. The main editor area shows a Bash script for checking if a number is prime. The script is as follows:

```
1 read -p "Enter Number : " num
2 for((i=2; i<=num/2; i++))
3 do
4   if [ $((num%i)) -eq 0 ]
5   then
6     echo "$num is not a prime number."
7     exit
8   fi
9 done
10 echo "$num is a prime number."
11
```

The output of the script is shown in the console area at the bottom:

```
Enter Number : 5
5 is a prime number.

...Program finished with exit code 0
Press ENTER to exit console.
```

The browser's address bar shows the URL 'onlinegdb.com/online_bash_shell'. The bottom status bar indicates the time as 16:49 on 19-08-2023.

Online Bash Shell - online editor

onlinegdb.com/online_bash_shell

Run

Debug

Stop

Share

Save

Beautify

Language Bash

OnlineGDB beta

online compiler and debugger for c/c++

code, compile, run, debug, share.

IDE

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main bash

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

input

Enter Number : 15
15 is not a prime number.

...Program finished with exit code 0
Press ENTER to exit console.

Search

ENG IN

16:46 19-08-2023