



```
#!/bin/bash
```

```
echo "Enter a number:"
```

```
read a
```

```
flag=0
```

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

```
do
```

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

```
then
```

```
    flag=1
```

```
    break
```

```
fi
```

```
done
```

```
if [ $flag -eq 0 ]
```

then

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

else

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

fi

