

```
def isprime(num):  
    if isinstance(num,int)==True:  
        if num<2:  
            print(num,'is not a prime number')  
        elif num==2:  
            print(num,'is a prime number')  
        else:  
            for i in range(2,num):  
                if num%i==0:  
                    print(num,'is not a prime number')  
                    break  
            else:  
                print(num,'is a prime number')  
        else:  
            print(num,'is Invalid data')
```

```
isprime(1)
```

```
1 is not a prime number
```

```
isprime(-4)
```

```
-4 is not a prime number
```

```
isprime(5)
```

```
5 is a prime number
```

```
isprime('hello')
```

```
hello is Invalid data
```

```
isprime(2.5)
```

```
2.5 is Invalid data
```

```
isprime([1,2,3])
```

```
[1, 2, 3] is Invalid data
```

```
isprime({1:2,2:3,3:4})
```

```
{1: 2, 2: 3, 3: 4} is Invalid data
```

```
isprime(8)
```

```
8 is not a prime number
```