













**UPDATE** Read [the migration plan](#) to Notebook 7 to learn about the new features and the actions to take if you are using extensions - Please note that updating to Notebook 7 might break some of your extensions. Don't show anymore

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File Edit View Insert Cell Kernel Help Not Trusted | Python 3 (ipykernel) 

          Code 

```
25
30
35
40
45
50
```

In [ ]: *#to find those numbers which are both divisible by 7 and multiple of 5*

```
In [75]: a=int(input("Enter a number: "))

if a%7==0 and a%5==0:
    print("divisible by 7 and multiple of 5")
else:
    print("not both")
```

Enter a number: 25  
not both

```
In [10]: a=int(input("Enter a number: "))

if a % 7==0:
    print("divisible by 7")
else:
    print("not divisible by 7")
```



```
25
30
35
40
45
50
```

```
In [ ]: #to find those numbers which are both divisible by 7 and multiple of 5
```

```
In [76]: a=int(input("Enter a number: "))

if a%7==0 and a%5==0:
    print("divisible by 7 and multiple of 5")
else:
    print("not both")
```

```
Enter a number: 35
divisible by 7 and multiple of 5
```

```
In [10]: a=int(input("Enter a number: "))

if a % 7==0:
    print("divisible by 7")
else:
    print("not divisible by 7")
```

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Python 3 (ipykernel)

          Code

```
Enter a number: 9.7
0.6999999999999999
```

```
In [ ]: #check the given number is even or odd or zero
```

```
In [58]: a=int(input("Enter a number: "))
```

```
if a==0:
    print("Zero")
elif a%2==0:
    print("Even")
else:
    print("Odd")
```

```
Enter a number: 0
Zero
```

```
In [ ]:
```

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Python 3 (ipykernel) 

       Run    Code 

Enter a number: 9.7  
0.6999999999999999

In [ ]: *#check the given number is even or odd or zero*

In [57]: `a=int(input("Enter a number: "))`

```
if a==0:
    print("Zero")
elif a%2==0:
    print("Even")
else:
    print("Odd")
```

Enter a number: 22  
Even

In [ ]:

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Python 3 (ipykernel)

          Code 

Enter a number: 9.7  
0.6999999999999999

In [ ]: *#check the given number is even or odd or zero*

In [56]: `a=int(input("Enter a number: "))`

```
if a==0:
    print("Zero")
elif a%2==0:
    print("Even")
else:
    print("Odd")
```

Enter a number: 31  
Odd

In [ ]:

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File Edit View Insert Cell Kernel Help Not Trusted Python 3 (ipykernel)

Run Code

In [ ]: *#decimal part of a number*

```
In [59]: a=float(input("Enter a number: "))
b=a-int(a)
print(b)
if b==0:
    print("INTEGER")

Enter a number: 22
0.0
INTEGER
```

```
In [31]: a=float(input("Enter a number: "))
b=a-int(a)
print(b)
if b==0:
    print("INTEGER")

Enter a number: 32.5
0.5
```

```
In [32]: a=float(input("Enter a number: "))
b=a-int(a)
print(b)
if b==0:
```

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Python 3 (ipykernel)

```
print("INTEGER")
```

Enter a number: 22

0.0

INTEGER

```
In [31]: a=float(input("Enter a number: "))
b=a-int(a)
print(b)
if b==0:
    print("INTEGER")
```

Enter a number: 32.5

0.5

```
In [32]: a=float(input("Enter a number: "))
b=a-int(a)
print(b)
if b==0:
    print("INTEGER")
```

Enter a number: 9.7

0.6999999999999999

```
In [ ]: #check the given number is even or odd or zero
```

