

```

1 #we only trapping error not what type
2 a=int(input("Enter a number:"))
3 b=int(input("Enter other number:"))
4 c=a/b
5 print ("C is",c)
6 print("Code is running")
7 print("coded by amarpanchal.education")

```

Enter a number:9
Enter other number:0

```

-----
ZeroDivisionError                                Traceback (most recent call last)
<ipython-input-2-6614323db412> in <cell line: 4>()
      2 a=int(input("Enter a number:"))
      3 b=int(input("Enter other number:"))
----> 4 c=a/b
      5 print ("C is",c)
      6 print("Code is running")

ZeroDivisionError: division by zero

```

SEARCH STACK OVERFLOW

```

1 #we only trapping error not what type
2 try:
3     a=int(input("Enter a number:"))
4     b=int(input("Enter other number:"))
5     c=a/b
6 except Exception:
7     print("Exception")
8 else:
9     print ("C is",c)
10 finally:
11     print("by Amar sir")
12 #part of code after handling exception
13 print("still code is running")

```

Enter a number:amar
Exception
by Amar sir
still code is running

```

1 #we only trapping error not what type
2 try:
3     a=int(input("Enter a number:"))
4     b=int(input("Enter other number:"))
5     c=a/b
6 except Exception as arg:
7     print("Exception:",arg)
8 else:
9     print ("C is",c)
10 finally:
11     print("by Amar sir")

```

```
12 print("End of code")
13 print("bye")
```

```
Enter a number:9
Enter other number:amar
Exception: invalid literal for int() with base 10: 'amar'
by Amar sir
End of code
bye
```

```
1 #we only trapping error not what type
2 try:
3     a=int(input("Enter a number:"))
4     b=int(input("Enter other number:"))
5     c=a/b
6     print ("C is",c)
7 except Exception as arg:
8     print("Exception:",arg)
9 finally:
10    print("by Amar sir")
11 print("code continues")
12 print("remaining code continues")
```

```
Enter a number:a
Exception: invalid literal for int() with base 10: 'a'
by Amar sir
code continues
remaining code continues
```

```
1 #we only trapping error not what type
2 try:
3     a=int(input("Enter a number:"))
4     b=int(input("Enter other number:"))
5     c=a/b
6     print ("C is",c)
7 except Exception as arg:
8     print("Exception:",arg)
9
10 print("remaining code")
11
```

```
Enter a number:9
Enter other number:0
Exception: division by zero
remaining code
```

```
1 #we only trapping error not what type
2 try:
3     a=int(input("Enter a number:"))
4     b=int(input("Enter other number:"))
5     c=a/b
6     print ("C is",c)
7 finally:
8     print("Finally executed")
```

```
9 print("Remaining code to run")
```

```
10
```

```
Enter a number:7
Enter other number:0
Finally executed
```

```
-----
ZeroDivisionError                                Traceback (most recent call last)
```

```
<ipython-input-12-89977058e79f> in <cell line: 2>()
```

```
3     a=int(input("Enter a number:"))
4     b=int(input("Enter other number:"))
----> 5     c=a/b
6     print ("C is",c)
7 finally:
```

```
ZeroDivisionError: division by zero
```

SEARCH STACK OVERFLOW

```
1 class AgeException(Exception):
2     def __init__(self,data):
3         self.data=data
4     def __str__(self):
5         return "Exception : "+str(self.data)+" Under 18"
6
7 try:
8     n=int(input("Enter age : "))
9     if n>=18:
10        print("You can vote, your age is ",n)
11    else:
12        raise AgeException(n)
13 except Exception as msg:
14    print(msg)
```

```
Enter age : 23
You can vote, your age is  23
```

