```python
#january 30,2026
import csv
with open("students.csv","r") as file:
  reader=csv.reader(file)
  for row in reader:
    print(row)
```

```
['Sno', 'Full Name', 'Admission No', 'Branch']
['1', 'Abbisetty Harshitha ', '19709', 'BSC']
['2', 'Akumalla Kumari ', '19760', 'BSC']
['3', 'Alpuri Sri lakshmi ', '19842', 'BSC']
['4', 'ALUR GURUPRASAD ', '20215', 'BCom']
['5', 'Amarachinta Akhila ', '20170', 'BCom']
['6', 'Amreena Muskan ', '19843', 'BSC']
['7', 'Anumalaguthi Venkata Sai Deepthi', '19887', 'BCA']
['8', 'Anumula Chaithanya ', '20522', 'BSC']
['9', 'Aqsa Shereen', '19888', 'BCA']
['10', 'Arwety Sailokesh ', '19860', 'BSC']
```

```
!git clone https://github.com/rafeeq-93/tutorials.git
%cd tutorial/
from IPython.display import clear_output
clear_output()
import csv
with open("/content/tutorials/students.csv", "r") as file:
    reader = csv.reader(file)
    for row in reader:
        print(row)
```

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```python
import random
random_number=random.randint(1,2)
while True:
  num=int(input("Enter number"))
  if num>random_number:
    print(" Num is too high")
  elif num<random_number:
    print("Num is too low")
  else:
    print("correct")
    break
```

```
Enter number1
Num is too low
Enter number2
correct
```

```python
#ZeroDivisionError
a=10
b=0
c=a/b
print(c)
```

```
---------------------------------------------------------------------------
ZeroDivisionError                         Traceback (most recent call last)
/tmp/ipython-input-2408175514.py in <cell line: 0>()
      1 a=10
      2 b=0
----> 3 c=a/b
      4 print(c)

ZeroDivisionError: division by zero
```

[2]
0s

```
#NameError
name="python"
print(names)
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
/tmp/ipython-input-2600665147.py in <cell line: 0>()
      1 #NameError
      2 name="python"
----> 3 print(names)

NameError: name 'names' is not defined
```

Next steps: Explain error

```python
try:
    a=int(input("Enter a   number"))
    b=int(input("Enter another   number"))
    print("Result:",a/b)
except ValueError:
     print("Please enter a valid integers")
except ZeroDivisionError:
     print("Division by zero is not allowed")
else:
     print("Calculation Successfully")
finally:
    print("Program Ended")
```

```
Enter a   number10
Enter another   number5
Result: 2.0
Calculation Successfully
Program Ended
```

```python
try:
    x=int(input("Enter a   number"))
    print(x)
except ValueError:
    print("Invalid input! Enter a number")
else:
    print("Input accepted Successfully")
finally:
    print("Execution completed")
```

```
Enter a   number3
3
Input accepted Successfully
Execution completed
```