

```
Script started on 2023-09-21 11:13:55-05:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="67" LINES="54"]
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ pwd
[?2004l
/home/jovyan/CLA
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ ls -l
[?2004l
total 88
-rw-r--r-- 1 jovyan users 190 Sep 14 11:18 Celsius_Fahrenheit.py
-rw-r--r-- 1 jovyan users 16895 Sep 14 11:22 Ch2_2.pdf
-rw-r--r-- 1 jovyan users 2404 Sep 19 11:13 Ch3_1.log
-rw-r--r-- 1 jovyan users 16880 Sep 19 11:14 Ch3_1.pdf
-rw-r--r-- 1 jovyan users 0 Sep 21 11:13 Ch3_2.log
-rw-r--r-- 1 jovyan users 1815 Sep 14 11:21 Chapter2.log
-rw-r--r-- 1 jovyan users 681 Sep 7 11:36 cla4.py
-rw-r--r-- 1 jovyan users 609 Sep 12 11:24 Cookies.py
-rw-r--r-- 1 jovyan users 771 Sep 21 11:12 Grades.py
-rw-r--r-- 1 jovyan users 371 Sep 12 11:30 Meal.py
-rw-r--r-- 1 jovyan users 241 Sep 14 11:14 Miles_per_Gallon.py
-rw-r--r-- 1 jovyan users 9392 Aug 31 11:45 paragraph.txt
-rw-r--r-- 1 jovyan users 631 Sep 19 11:12 Rectangle.py
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ cat -n Grades.py
[?2004l
1 #Tyler Sabin
2 #Section 006
3 #Septemeber 21st 2023
4 #This program will take an integer input and decide whether the input is valid, pass, fail, or good
5
6 #Get the input grade from the user
7 grade = int(input("Enter a score (0 to 100):"))
8
9 #Variables for pass & good grade
10 goodGrade = 73
11 passGrade = 60
12
13 #Check to see if the value is less than 0, or more than 100
14 if grade < 0 or grade > 100:
15     print(f'{grade} is an invalid number.')
16     print("The number should be between 0 and 100 inclusive.")
17 #The number is valid, now it will check to see if it is within the good, pass, or fail category
18 else:
19     if grade >= goodGrade:
20         print(f'{grade} is Good.')
21     elif grade >= passGrade:
22         print(f'{grade} is Pass.')
23     else:
24         print(f'{grade} is Fail')
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 Grades.py
[?2004l
Enter a score (0 to 100):70
70 is Pass.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 Grades.py
[?2004l
Enter a score (0 to 100):-20
-20 is an invalid number.
The number should be between 0 and 100 inclusive.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 Grades.py
[?2004l
Enter a score (0 to 100):100
100 is Good.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 Grades.py
[?2004l
Enter a score (0 to 100):130
130 is an invalid number.
The number should be between 0 and 100 inclusive.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 Grades.py
[?2004l
Enter a score (0 to 100):30
30 is Fail
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ exit
[?2004l
exit
```

Script done on 2023-09-21 11:15:54-05:00 [COMMAND_EXIT_CODE="0"]