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grade_calculator.py - C:\Users\ANKITA_ROY\OneDrive\Dokumen\grade_calculator.py (3.14.2)
File Edit Format Run Options Window Help

def marks(b):
    if 90 <= b <= 100:
        return "A", "EXCELLENT!Keep it up."
    elif 80 <= b <= 89:
        return "B", "Very good!Try to improve more."
    elif 70 <= b <= 69:
        return "C", "Focus more in your study."
    elif 60 <= b <= 59:
        return "D", "Poor!work haed."
    else:
        return "F", "Don't give up learn and try."
def main():
    while True:
        a = input("Enter student's name: ")

        try:
            b= int(input("Enter marks(0-100): "))
            if 0<= b <= 100:
                break
            else:
                print("Invalid input!please enter number between 0-100")

        except ValueError:
            print("Please enter numerics only.")
            continue

    grade, message = marks(b)

    print("\n RESULT FOR", a)
    print(f"Marks: {b}/100")
    print(f"Grade: {grade}")
    print(f"Message: {message}")

main()
```

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IDLE Shell 3.14.2
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Python 3.14.2 (tags/v3.14.2:df79316, Dec 5 2025, 17:18:21) [MSC v.1944 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.

>>>
===== RESTART: C:\Users\ANKITA_ROY\OneDrive\Dokumen\grade_calculator.py =====
Enter student's name: Priya
Enter marks(0-100): 85

RESULT FOR Priya
Marks: 85/100
Grade: B
Message: Very good!Try to improve more.

>>>
===== RESTART: C:\Users\ANKITA_ROY\OneDrive\Dokumen\grade_calculator.py =====
Enter student's name: Rahul
Enter marks(0-100): 120
Invalid input!please enter number between 0-100
Enter student's name: Ram
Enter marks(0-100): abc
Please enter numerics only.
Enter student's name: Priya
Enter marks(0-100): -90
Invalid input!please enter number between 0-100
Enter student's name: Priya
Enter marks(0-100): 90

RESULT FOR Priya
Marks: 90/100
Grade: A
Message: EXCELLENT!Keep it up.

>>>
===== RESTART: C:\Users\ANKITA_ROY\OneDrive\Dokumen\grade_calculator.py =====
Enter student's name: Rahul
Enter marks(0-100): 75

RESULT FOR Rahul
Marks: 75/100
Grade: C
Message: Focus more in your study.

>>>
```

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IDLE Shell 3.14.2
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Enter student's name: Ram
Enter marks(0-100): abc
Please enter numerics only.
Enter student's name: Priya
Enter marks(0-100): -90
Invalid input!please enter number between 0-100
Enter student's name: Priya
Enter marks(0-100): 90

    RESULT FOR Priya
Marks: 90/100
Grade: A
Message: EXCELLENT!Keep it up.
>>>
===== RESTART: C:\Users\ANKITA_ROY\OneDrive\Dokumen\grade_calculator.py =====
Enter student's name: Rahul
Enter marks(0-100): 75

    RESULT FOR Rahul
Marks: 75/100
Grade: C
Message: Focus more in your study.
>>>
===== RESTART: C:\Users\ANKITA_ROY\OneDrive\Dokumen\grade_calculator.py =====
Enter student's name: Ram
Enter marks(0-100): 60

    RESULT FOR Ram
Marks: 60/100
Grade: D
Message: Poor!work haed.
>>>
===== RESTART: C:\Users\ANKITA_ROY\OneDrive\Dokumen\grade_calculator.py =====
Enter student's name: Puja
Enter marks(0-100): 40

    RESULT FOR Puja
Marks: 40/100
Grade: F
Message: Don't give up learn and try.
>>>
```