**Today's assignment is about finding the BMI_index calculate of the person, and we ask for the name age and height?**

Below is a simple Python script that takes the name, age, and height of a person, and calculates their BMI (Body Mass Index) based on the user's input. The BMI is calculated using the formula:

**BMI = weight (kg) / (height (m)) ^2**

```python
# BMI Calculator
def calculate_bmi(weight, height):
    """
    Calculate BMI based on weight (kg) and height (m).
    Formula: BMI = weight / (height^2)
    """
    return weight / (height ** 2)

def main():
                                        # Input: Name, Age, Height
    name = input("Enter your name: ")
    age = int(input("Enter your age: "))
    height = float(input("Enter your height in meters: "))

    # Validate height input
    if height <= 0:
        print("Please enter a valid height.")
        return
    # Input: Weight
    weight = float(input("Enter your weight in kilograms: "))

    # Validate weight input
    if weight <= 0:
        print("Please enter a valid weight.")
        return

    # Calculate BMI
    bmi = calculate_bmi(weight, height)

    # Display Results
    print("\nBMI Calculator Results:")
    print("Name:", name)
    print("Age:", age, "years")
    print("Height:", height, "meters")
    print("Weight:", weight, "kilograms")
    print("BMI:", round(bmi, 2))
```

```python
# Interpret BMI

    if bmi < 18.5:
        print("BMI Category: Underweight")
    elif 18.5 <= bmi < 25:
        print("BMI Category: Normal weight")
    elif 25 <= bmi < 30:
        print("BMI Category: Overweight")
    else:
        print("BMI Category: Obesity")


if __name__ == "__main__":
    main()
```