

HelloWorld.py 43jw38j8m

AI NEW PYTHON2 RUN




```
1 a=10
2 b=20
3 c=30
4 max_number=max(a,b,c)
5 print(max_number)
```

STDIN
Input for the program (Optional)

Output:
30

```
main.py
1 def calculate_bmi(weight_kg, height_m):
2     bmi = weight_kg / (height_m ** 2)
3     return bmi
4
5 def get_bmi_category(bmi):
6     if bmi < 18.5:
7         return "Underweight"
8     elif 18.5 <= bmi < 25:
9         return "Normal weight"
10    elif 25 <= bmi < 30:
11        return "Overweight"
12    else:
13        return "Obese"
14
15 def main():
16     try:
17         weight = float(input("Enter your weight in kilograms: "))
18         height = float(input("Enter your height in meters: "))
19
20         if weight <= 0 or height <= 0:
21             print("Please enter positive values for weight and height.")
22             return
23
24         bmi = calculate_bmi(weight, height)
25         category = get_bmi_category(bmi)
26
27         print(f"Your BMI is: {bmi:.2f}")
28         print(f"BMI Category: {category}")
29     except ValueError:
30         print("Invalid input. Please enter numeric values.")
31
32 if __name__ == "__main__":
33     main()
```

Ln 33, Col 11

   Command Line Arguments

```
Enter your weight in kilograms:
5
Enter your height in meters:
6
>
Your BMI is: 0.16
BMI Category: Underweight
```

```
** Process exited - Return Code: 0 **
Press Enter to exit terminal
```