

**NIKHIL NIRANJAN WAKODE 2022BSC0201**

**AI – LAB-7 FUZZY- LOGIC**

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**1}**

**Code a program to formulate a membership function for a fuzzy set having values defining "tall" with a triangular shape. The membership value should indicate : 0 at 165cm, 1 at 180cm, and 0 again at 195cm.**

**CODE:**

**OUTPUT:**

```
PS C:\Users\hp\Desktop\Nikhil Wakode\AI_Lab\Nikhil Wakode> cd "C:\Users\hp\Desktop\Nikhil Wakode\AI_Lab\Nikhil Wakode" ; if ($?) {  
    g++ fuzzy_logic_1.cpp -o fuzzy_logic_1 } ; if ($?) { .\fuzzy_logic_1 }  
Height: 165 cm, Membership value: 0  
Height: 180 cm, Membership value: 1  
Height: 195 cm, Membership value: 0  
PS C:\Users\hp\Desktop\Nikhil Wakode\AI_Lab\Nikhil Wakode> 
```