Standard Template for Academic Tasks (22232)



Faculty Name and UID: Girish Kumar UID: 21706

Academic Task Number: CA-1 Course code: CAP680

Course Title Programme: Programming in JAVA (Lab)

Maximum Marks: 50

Academic Task Type: Assignment 4 Reg.No: 12207313

Roll No : 26 Section : D2214

Name: Himanshu singh

Date of Allotment: 20-Feb-2023

Group: G1 Last Date of submission: 26-Feb-2023

Set: Even

Question Number	Question Statement	Course Outcome	Bloom's level	Marks per Question
	Suppose you are working as a Gym trainer and you want to	CO1	L6	50
1	calculates and displays a person's body mass index (BMI). The			
	BMI is often used to determine whether a person lifestyle is			
	overweight or under weight . A person's BMI is calculated			
	with the following formula:			
	BMI = weight * 703/height^2			
	where weight is measured in pounds and height is measured			
	in inches. Display a message indicating whether the person			

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has optimal weight, is underweight, or is overweight. A sedentary person's weight is considered to be optimal if his or her BMI is between 18.5 and 25. If the BMI is less than 18.5, the person is considered to be underweight. If the BMI value is greater than 25, the person is considered to be overweight.

Code:

ANNEXURE-1

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}

Output:

```
"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:C:\Program Enter weight in pounds: 55
Enter height in inches: 5.6
BMI: 1232.9400510204084
Overweight
Process finished with exit code 0
```