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Bahria University



Lahore Campus

# Assignment 1

*Department of Computer Sciences*

**Date: 2/11/2022**

**Program/Semester: *BS(CS)***

**Instructor Name: *Dr. Khawaja Qasim Maqbool***

**Course Title:** Critical Thinking

**Max Marks: 10**

**Due Date:7 Nov 2022 Name: Affan Ahmad Enrollment :03-134221-003**

**CLO1: 10 marks**

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**Use technique taught with lateral thinking present 1 innovation (novel) idea?**

Sir we all know that somebody not take your classes seriously

Because you are such a kind teacher you do not take any attendance in class. So everybody is chilling now the question is how can we complete the strength of class.

**Formula.**

Sir take attendance in reverse sir do not take attendance.

So I have an idea that we create **automatic attendance system**

**Algorithm.**

**Step1:Firstly** sir you give the information in the system that what class is going to start like(BScs A2 critical thinking )

And system automatically generate the list of the class.

**Step2:** **The** student have to scan his/her thumb on the machine (AKA Biometric machine).

**Step3**:**Then** student have to choose the table and chair of the class in the system that we create.

**Step4**:Now if the person sit on his/her selected table and chair then the system that we create in table sense the person and automatically take his/her attendance for the whole hour of class and automatically calculate the percentage of the students’ attendance.

**Step5**:**If** the person do not scan the thumb then system detects the percentage of the students’ attendance.

That’s all from my sight☺

( **This idea for whole university** )