CENTENNIAL COLLEGE PROGRESS CAMPUS

API Engineering & Cloud Comp - COMP 306 - Quiz

**Hello Team Members!**

**The quiz is for those who physically participate in the class. Answering the quiz without being present is considered as cheating and has serious academic consequences.**

Please follow the following parts.

**Question 1: (4 Marks)**

**Please consider the following scenario.**

**You are a professor at one of the colleges, and you consider your recommendation as a part of your identity and reputation. Two students ask you for a recommendation letter as follows:**

**Student A:**

* **Got A+ as their final mark**
* **Copied some of their assignments**
* **When was not in the class, participated in a quiz that for sure they know is designed for those who are in the class**
* **Came on and off to the class or most of the time late without any acceptable reason (health issue/family issue, et cetera)**

**Student B:**

* **Got A+ as their final mark**
* **Started from very low, but tried their best.**
* **Respected the academic regulations and had no academic dishonesty record**
* **Coming to the sessions on time**

**Which one are you going to provide the recommendation letter? Student A or Student B?**

**Student B**

**Question 2: (4 Marks)**

**Please consider the following scenario.**

**You are Reza’s friend and started a new business as an entrepreneur. You received tons of CVs for a software programmer position, and there are two from Centennial College. You ask Reza if he knows them. He explains them as follows:**

**Person A:**

**Mr. or Ms. X achieved A+ as the course mark. Mr. or Ms. X was not in one of the sessions, but their friends texted him/her when a quiz started and he/she participated in the quiz, which for sure he/she knew it was not ethical and right.**

**Mr. or Ms. X came to the class on and off or not ontime. In addition, once Reza saw him/her that he/she got to the bus 134, without caring about the lineup. In short, Mr. or Ms. X did not consider the regulation of the environment seriously.**

**Person B:**

**Mr. or Ms. Y got B+ as the course mark. Mr. or Ms. Y was always ontime in the lectures, and tried their best to catch up with the course, although their background was not programming and had a tough time to get the concept. In short, he/she respects the regulation and has a high level of morality.**

**Which one will be hired by you? X or Y?**

**Mr. or Ms. Y**

**Question 3: (1 Mark)**

**What are the main characteristics of Big Data?**

Big Data can often be described using the “V’s of Big Data”. They are as follows:

* Variety
* Volume
* Validity
* Visualization
* Veracity
* Valuable
* Velocity

**Question 4: (1 Mark)**

**What are the main differences between Early AI and Machine Learning?**

Early AI is good at one particular task. For example, IBM’s Big Blue excelling at playing chess.

Machine Learning is designed to be able to solve many problems. It learns from examples and experience instead of relying on hard coded rules.

**Please note:**

You ***cannot*** use your previous projects, slides and internet. You are ***not allowed*** to use email, any messenger application, Facebook, your phone and anyone in the class or outside.

The time is 10 minutes and the timer will be set for the class. Good luck with your quiz!

Reza

**“Honesty is better than a false reputation.” ~Rumi**