1. Introduction

You might have heard of it, *Quantum Computing*. Many people call it as "the future of computation" or, in other words, "the future of humanity". But, do you really know what does *Quantum Computing* mean and why many people are excited about it? Welcome to the fascinating world of Quantum Computing! This day is historic, as you will begin your adventure on this field! You will start learning about what *Quantum Computing* studies, how does a quantum computer looks like, how do they work, and many of its applications that will make our world better.