# Vs Niketan

## Fulfillment of course of computer science of Grade 11

## Submitted By Approved by Approved By

## Principal Program Coordinator

## Gagan Sunar ---------------- ----------------------------

## Acknowledgement

First of all, I would like to thank My teacher for helping me and giving me such a great chance to learn about real life experience. This practical session helped me to learn about real life experience and how computers are being used in our daily life. I would like to thank my brother for guiding and showing his office. And friends and family for love and support.

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## Introduction

Computer are now part of our daily life. In this age Computer operates world. They are the backbone of our modern world. In early days the application was limited but as we move on with time, its application become limitless. From small hotel to multibillion-dollar company, we can see how technology is being used. They are being used for thing such as recording information, communication, tool for productivity, analyzing information, processing information and so on. The applications are limitless. Since, dynamic nature of operating system, everyone can customize computer with thing that they need for their making their life easier. And this is one of the reasons why computer is being part of billions life because they can adjust themselves for different need of different people. So, in this practical, as per the requirement of the college, we are about to vision any IT related places or company and find out how computer is being used.

A picture containing indoor, sitting, table, monitor

Description automatically generated

## Background

If we look at the history of the computer, they are not the outcome of single event or invention of single person. Different person throughout the history have given their best to produce intelligent machine. First, we can see they were mainly used by military, government, universities and business corporation. As their size decreased and speed increased, they become more affordable to general users. First, they were only used by big corporations. For long time companies such as IBM have their monopoly but by the effort of visionaries such as Bill gates, Steve jobs and Linus Torvalds, the corporation emotionless machine became friendly person computers. Even though it was started for specific purpose and big operation but now they are more than what they were supposed to be. Now not only big corporation but also a child, artist, poets or shopkeeper can use them to sharpen their skills.

## Objective

The are many objectives of this practical session. Since, it requires us to vision outdoor, it will give us practical knowledge. So, some of the objective of this practical is given below.

* To observe real life scenario of use of technology
* To learn about hardware components
* To learn about used software
* To learn about how implementation of technology is increasing the performance

## Content

For my visit, I went to office of my brother called Chaitanya Design. It is the startup company created by Ajay Panday. Chaitanya Design is working with national and international clients for web development, application development and graphic Design. Since, my brother used to work there, I visited there and see how they are working and witnessed the system which they were using.

### Computer System Components

#### Hardware

Since, it was IT startup there are many hardware. There are many things that need for company to run. So, hardware which I found there is listed below.

* Laptop Computers
* Inverter for power backup
* Desktop computers
* Cisco router for Internet connection
* Fingerprint system for attendance
* Telephone for communication

#### I/O

For smooth operation there are certain Input and output devices needed. And when I look at their system, I noticed many input and output devices. They are listed below.

* Keyboard
* Mouse
* Monitor
* Printer

### Software

#### Operating System

They told me that, since they have to deal with many web development and server related issue, they said they are using open sources operating system. Most of them were using ubuntu operating since it is free. All of employee were computer lover, so they said it was better to use Linux. And some of the also used window and mac os was well.

#### System application

Most of them were web developer, programmer and designer. So, according to their need and requirement, they were using different system application. Some of the application which I asked them was common on their office is listed below.

* Xampp
* Vs code editor
* Adobe Photoshop
* Adobe Illustrator
* Adobe After Effect
* Android Studio
* Node Package manager

## Conclusion

There are many things which I’ve learned from this experience. I’ve learned how hardware and software are being used in office to increase performance of the office. I was pleasured to notice that with this thing technology is rapidly changing and also changing things around it. So, at last it was huge learning experience.