

Good Morning Students,

Students, this lesson is of class VIII for the subject of Computer. Topic is 'App Development' which is covered in chapter - '7' starting on page no. '88' of your text book titled 'Logix 8'.

So, I hope all the students are ready for today's lesson. The name of the topic is 'Introduction to Apps'. The word application also referred as apps are a computer program or software application designed to run on a desktop or on mobile. These are softwares designed to do a specific job like paint, draw, read maps etc. Students apps are designed to work on different operating systems used by the devices. An Android app is developed to work on phones and tablets, which run on Android operating system, whereas iPhone apps can be used on iPhones, which use iOS.

Students, we will discuss different types of Apps.

Apps can be categorized in three different forms, as there are so many applications that can be used on computers but not on phones and some applications can be used on phones but not on computers and there are some applications that can be used both on computers and phone. So let us discuss about different types of applications.

1. **Desktop Apps:-** The applications that can be used on a desktop or a laptop are known as desktop apps. These applications must be first installed on the desktop or laptop and then can be used. Some examples of desktop are Word Processor, MS Excel, Paint, MS Powerpoint etc.

2. **Web Apps :-** The applications that require internet connection to use them or run them are known as web apps. They are usually browser based. These applications can be used whenever required from any device through Internet. For example, Google Maps, Instant messenger, File conversion, online shopping apps etc. Web apps require minimum device memory as these applications lie on the remote server. A remote server is a computer that is not attached to your peripherals but you have some degree of control over it, mostly through internet.

3. **Mobile Apps :-** The applications that run on a Smart Phone or a Tablet are known as Mobile Apps. These apps are usually smaller in size as Mobile devices have limited memory.

Students, software companies are making different versions of the apps to be used as Desktop apps, web apps or Mobile apps.

Few examples of different softwares are given below

1. Photo Editing :- Students, there are various app for editing the photos, like Photoshope from Adobe can be used on Desktop or laptop.

Similarly Sumo Paint is a web based application for editing photos and ~~At~~ Adobe Photoshop Express is a photo editing app used on Mobile devices.

2. Games :- Students, games like Solitaire is available on all windows based computers. Games like Among Us is a web based game.

Classification of Mobile Apps.

As we know that there are various applications that are used on mobile devices like smart phone and tablet. These applications can be classified as Native Apps or Hybrid Apps. So let us discuss these categories.

1. Native Apps :- Apps that are developed according to the specification of a device is

known as Native Apps. As we know that mobile apps are usually developed for a specific Operating System and device, because every device have different specification. Some apps are pre-installed in a mobile device and rest of the apps can be installed from the Play Store or Apple Store of the mobile.

2. Hybrid Apps :- These applications or apps are the combination of Web Apps and Native Apps. These apps requires the internet connection. Hybrid apps, like native apps, run on the device and are written with web technologies like HTML5, CSS and Java Script. For example the game Candy Crush is a hybrid app that can be played on a mobile phone as well as on the web.

Students, I am ending the lesson here. You are advised to read the assignment carefully.