**Java lecture:**

**Date:9 December 2022**

**Abstract Window Toolkit**

The abstract windowing tool kits is referring to a set of classes, enabling the user to create a user friendly, GUI. It is also facilities receiving user input from the mouse and keyboard.

The AWT classes are the part of the java.awt packages.

The user interface consists of following…

1. Components
2. Container
3. Layout managers

**Important question from the above topic:**

**Explain the AWT components?**

**Java lecture:**

**Date:13 December 2022**

**TCP:**

TCP is oriented Protocols which means that once a connection is stablish, data can be transmitted in two directions. This protocol is typically use over the

TCP is also referred as TCP/IP.

TCP has been in a method to examine for error and ensure that delivery of data in the ordered into making it a complete protocol for transporting information like steal image, data, files.

**UDP:**

User datagram protocol is collection less protocol that allow data packet be transmitted between different application.

UDP is a simple internet protocol. In which error checking and recovering setting are not required. In

There is no overhead opening a connection, maintaining a connection

In UDP data is continuously send to the recipient, whether they receive or not.

**Java Networking Terminology**

**Protocol:**

Protocol is the set of rules and regulation.

**Java lecture:**

**Date:15 December 2022**

**Java Socket Programming [Most Important with diagram]**

Server read the message and print it. Here two class are being used. Socket and server socket. The socket class is used to communicate client and server. Through this class, we can read and write a message. The server socket class is used to server site. The accept method of server socket class blocks the console until the client is connected.

After the successful correction of client it run the instance of socket at server-side.

