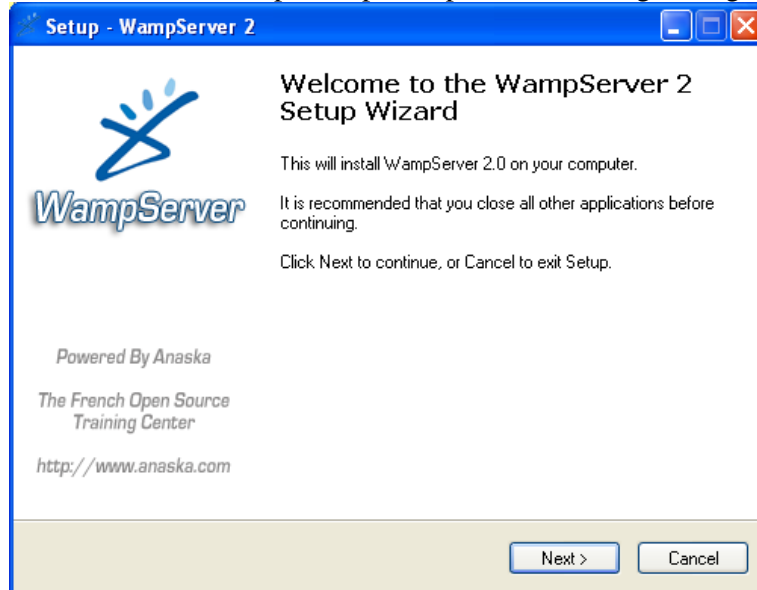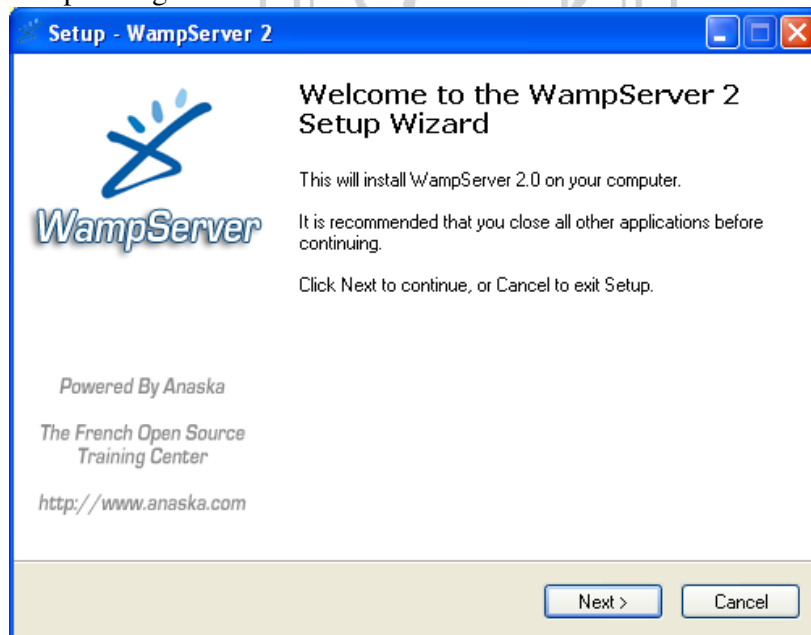Explain Installation of Wamp Server

1) Double Click on Wamp Wamp Set up then Following Dialoge box is open

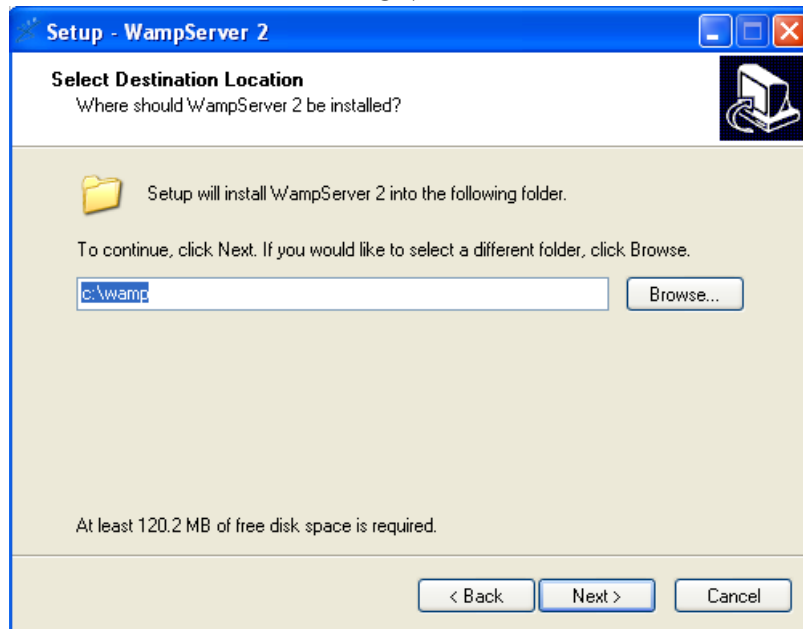2) Please Click on Next then following dialog box is open. In that Click on Cilck on I accept the agreement.

3) To Continue click next .If you would like to select a different folder. Click browse
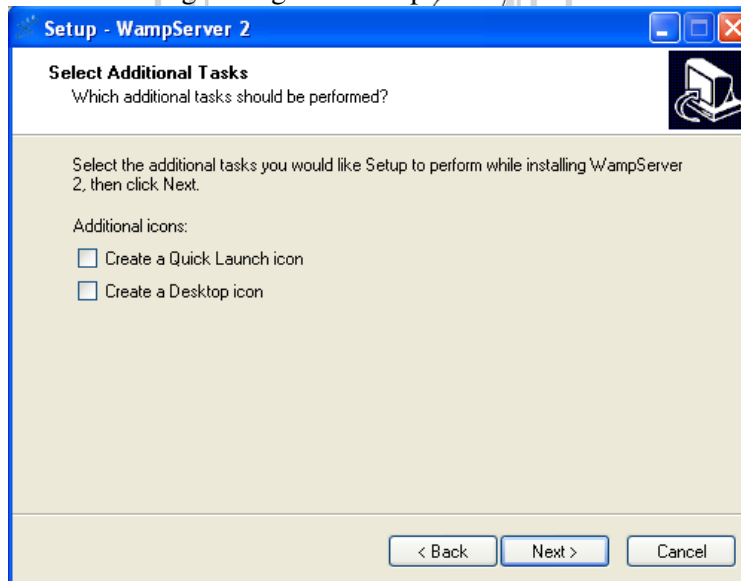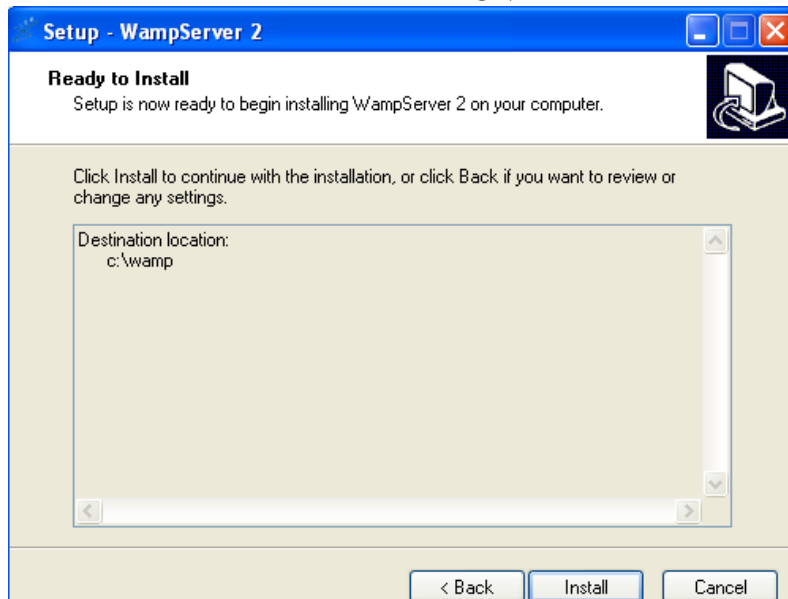
4) After Click next Following Dialoge box is opwn

5)Click Install to continue installation.

What is Php ?

- PHP stands for **P**HP: **H**ypertext **P**reprocessor
- PHP is a server-side scripting language, like ASP
- PHP scripts are executed on the server
- PHP supports many databases (MySQL, Informix, Oracle, Sybase, Solid, PostgreSQL, Generic ODBC, etc.)
- PHP is an open source software
- PHP is free to download and use

What is a PHP File?

- PHP files can contain text, HTML tags and scripts
- PHP files are returned to the browser as plain HTML
- PHP files have a file extension of ".php", ".php3", or ".phtml"

Why PHP?

- PHP runs on different platforms (Windows, Linux, Unix, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP is FREE to download from the official PHP resource: www.php.net
- PHP is easy to learn and runs efficiently on the server side

Explain Features of PHP
- PHP stands for Hypertext Preprocessor". It is a widely-used Open Source general-purpose scripting language that is especially suited for Web development and can be embedded into HTML.
- It is an interpreted language.

- There are three main fields where PHP scripts are used.
1. Server side scripting
2. Command line scripting.
3. Writing client-side GUI applications.For this PHP-GTK is used.
   PHP-GTK is an extension for the PHP programming language that implements language bindings for GTK+. It provides an object-oriented interface to GTK+ classes and functions and greatly simplifies writing client-side cross-platform GUI applications.
- PHP can be used on all major operating systems, including Linux, many Unix variants, Microsoft Windows, Mac OS X etc.

- PHP has also support for most of the web servers today. This includes Apache, Microsoft Internet Information Server, Personal Web Server, Netscape and iPlanet servers, Oreilly Website Pro server and many others.
- You also have the choice of using procedural programming or object oriented programming, or a mixture of them.
- PHP does more than just generating dynamic web-pages.
  PHP's abilities includes:
    - Generating images dynamically
    - PDF files
    - Flash movies
    - Compression
    - Download and upload
    - XML support
- PHP also has support for talking to other services using protocols such as LDAP, IMAP, SNMP, NNTP, POP3, HTTP, COM (on Windows) and countless others.

- You can also open raw network sockets and interact using any other protocol.

- PHP has support for the WDDX complex data exchange between virtually all Web programming languages. (Support for web services)

- PHP has support for instantiation of Java objects and using them transparently as PHP objects. You can also use CORBA extension to access remote objects.

e.g. You can use java classes in php.