IT TOOLS

Assignments FYIT 97

Horsh Vaday

BI. Differentiate between open source and free source Ars-Open source. 58.00 Free source I The name 'Open source', the Free software is a stricker source code of the software code shaving method compared is freely available for other to open source, which allows the maker of the code to specific people to see and study. certain conditions, to enable the legal use and distribution of the software. Source is a social free software is a social movement development methodology movement. It is facused to provide 3 It is focused to provide economical collaboration. moral collaboration.

It is good for morality 4 It is very good for your of Sociaty. business.

5 and all all comes under But all free Baftware free septimare terminology dasent seme under open source saftware.

Examples prime examples of Examples. The free saftware directory open-source product one the maintains a large database.

Apache http server, the e-commerce of free-saftware packages some platform, internet browsers, of the best-known examples.

Mozilla, firefox and chromium linux kernel, the BSD and linux and the full affice suite operating system; the GNU compiler collection and Clibrary; the My SQL relational database; the My SQL relational database;

32 Explain the significance of Green computing.

Ans when the news claimed that the environment was not a renewable resource, it really hit home and people Started realizing that they had to do their part to protect the environment. Therefore, green computing is an important gets involved in recycling computer, it is difficult to dispose the old computer and some more that they take up much space in landfills. Somehow, the problems is that the electronic waste is increasing tremendously Within this decade many negative effect are gradually showed up towards this environment, especially to human. Due to the quick obsolescence of electronics, it resulted a dreadful 70% of all hazardous waste computer waste is high in many toxic materials such as heavy metals and plane-retardent plastic, which easily leach into ground water and bio-accumulate. In addition, to many facture thips of the electronic requires huge amounts of resources and some deadliest gases and chemicale are used to man.

have became obsolete in united state only about 14% (3.3 million) of these all will be recycled or donated over 20 million computer, the rest in U.S. will be get rid of destroyed or Shipped as waste product or to be dealt with latter in the temporary storage we do not care about what happen when aux laptop dies and just 3bp to consider it

The reality is that it either decomposed in a landfull or developing countries. The children there wrestling its components apart by hand and met melting toxic bits to discover traces or valuable metal like Gold, silver etc.

Advantage of Green Computing.

- which result into low carbon dioxide emission.
- 26 By using green computing techniques we can also sai money that was spent in extra usage of energy and resources.
- 3/2 Green computing also applies changing government policy to encourage recyling.
 - 4) Green computing also removes the risk which is existing in the laptop such as chemical known to cause cancer or nerve damage etc.
 - 5) Use preserve resources which use less energy to product use and dispose of product.

Harsh Yadau Page No.: 5 FYIT 97 Date: Disadvantages of Green Computy I Green computing quite costly. 26 some computer which are green may be considered as underpowered.

3 Fast technology chang-

B3 What is GitHub? Explain the advantages of using Grithub. Give steps of creating and cloning respusitory on Grithub.

Ans: Grithub is a web-bosed interface that
Uses Grit, the open source version contorol safetware
that lets multiple people make separate changes
to web pages at the same time is
carpenter notes, because all it allows for
Yeal-time collaboration, Grithub encourage teams
to work together to build and edits their
site antent.

Girthub founded on 2008, Headquarter 18 in Ban Francisco, California, united states

CEO: Thomas Dohmke

FOUNDERS: Tom preston-werner, Scott chacon,

Chris Wanstrath, P.J. Hyett

Parent Gryanization: Microsoft corporation.

Advantage of lising GrithHub.

1) It makes it easy to contribute to your open Source projects.

Jet excellent documentation.

3) Markdown allows you to use a simple text editor to write formatted - document. GitHub has revolutionized writing by channeling everything through markdown.

to get out there in front of public.

5) Track change in your code across version.

Creating and cloning respository on GithHub

Step1:- On Gittlub. com, we navigate to the main page of the respository.

Step 2:- Above the list of files of click Ir code Step 3:- To clone the respository using HTTPS, under "clone with HTTPS", click. To clone the respository using an SSH Key, including

a certificate 1884ed ley your organization's SSH, then click To clone a respository using GitHub (L1, click use GitHub (L1.

Step 4: Open Git Bash

Step 5: change the alward working directory to the location where you want the cloned directory

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7: press enter to create your local clone.

Step 6: Type git clone, and then paste the URL.



S4. Differentiate between toals and teachnologies.

Ane: - Teachnologies, are system imposed by the organization that after constrain, disempower and depensionalize Knowledge work.

Tools are extension of our hands, as push much as the how hammers or knives of traditional waster.

They reinforce ownership, braft monship, ste wardship and prafessional identity

In Simple word, how to do it? >technology
which thing will help you to do it? > tools

Technology is basically the discipline that deals with the art and science of applying scientific insight to enhance and streamline the process of manufacturing and producing a particular item. Also teachnologies are to achieve certain long-form goals within a particular organization.

Basically, a tool can be anything digital or manual as well for examples, when a propersional easily writer was application such as referencing generalor and aural count tools to the paper, then the resources used are termed as 'tools'.

Types	OA	technel	mau	0
	V			

- · Information teachnology
- · Networks
- · Internet of things
- · Entertainment and media teachnology
- · medical teachnology
- · Science and space technology

Types of facels

- · lux
- · 7-2ip
- · fox+ reader:
- · Boseramp
- Workzae

• The technology is essential knowledge upon which teals

For examples:

A spiraled inclined plane is a technology. The Screw is a tool making use of the teachnology.

An integrated circuit is a technology. The microchip is tool making of the technology.

Asymmetric cryptography is the technology and TLS is a tool making use of the technology.

S. 5. Explain the features and working of any took used in

Ans: - Google forms

One of the last ways to engage all student in your classroom is to give students an easy (and even an omymous) way to ask question, receive feedback, or otherwise reach and to the teacher-while there are many ways to do this, one of the most universally accessible (and free) methods is Greagle forms.

Grougle forms storted life as a gaagle sheet feature in 2008, two year after sheets' or original launch. We can add a farm to a spreadsheet, format in a separate sheet, and see your fram responses

Developers	Google
platform	web application
Type	Burvey
, website .	do CS. google. com Horms

Features -

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2

- 1 lenu search, shuffle of question for randomized order, limiting responses to once per person, shorter URL3, Custom themes
- 1 2/ Automatically generating arguer suggestion when reading farms
- Tequire them to share content or files from their computer or google drive.
 - farm, such as always callecting email address.

Step to create google forms.

Step 1: Go to http://docs.google.com/forms

Step 2: create from click on blank start creating

Step 3: Adding question and options

Step 4: After creating click on Bend and Share forms link