



MALAD KANDIVALI EDUCATION SOCIETY'S
NAGINDAS KHANDWALA COLLEGE OF COMMERCE,
ARTS & MANAGEMENT STUDIES & SHANTABEN NAGINDAS KHANDWALA
COLLEGE OF SCIENCE
MALAD [W], MUMBAI – 64
(AUTONOMOUS)

(Reaccredited 'A' Grade by NAAC)
(AFFILIATED TO UNIVERSITY OF MUMBAI)
(ISO 9001:2015)

CERTIFICATE

Name: Mr. Aman Gupta

Roll No: 17 **Programme:** BSc IT **Semester:** II

This is certified to be a bonafide record of practical works done by the above student in the college laboratory for the course **IT platforms, Tools and Practices** (Course Code: **2026UISTP**) for the partial fulfillment of Second Semester of BSc IT during the academic year 2020-2021.

The journal work is the original study work that has been duly approved in the year 2020-2021 by the undersigned.

External Examiner

Subject-In-Charge

(Ms.Sweety Garg)

Date of Examination: (College Stamp)

Name: Aman Gupta

Roll No: 17

| Sr. No. | DATE | TITLE | SIGN |
|---------|------|--|------|
| 1. | | INTRODUCTION and CONTRIBUTING TO WIKIPEDIA a) What is Wikipedia? b) Steps to Create Account on Wikipedia c) Creating Page on Wikipedia d) Edit your page | |
| 2. | | Creating account, repository on GitHub and Cloning repository in GitHub Page | |
| 3. | | BASIC UNDERSTANDING ON FREE AND OPEN-SOURCE SOFTWARE a) Describe Open-Source Software with Example. b) Describe Free Software with Example c) Difference between Free and Open-Source Software. | |
| 4. | | WRITING EMAIL | |
| 5. | | Using practical examples, describe green computing. List and explain the steps that you take to contribute to green computing | |

| | | | |
|----|--|---|--|
| 6. | | WRITING BLOGS | |
| 7. | | Implementing coding practices in Python using PEP8. | |
| 8. | | PRESENTATION: _____ | |

Practical 1

Introduction and Contribution to Wikipedia.

a) Description about Wikipedia and its features:

Description: Wikipedia is a free, open content online encyclopedia created through the collaborative effort of a community of users known as Wikipedians. Anyone registered on the site can create an article for publication; registration is not required to edit articles. The site's name comes from wiki, a server program that enables anyone to edit Web site content through their Web browser.

Jimmy Wales and Larry Sanger co-founded Wikipedia as an offshoot of an earlier encyclopedia project, Nupedia, in January 2001. Originally, Wikipedia was created to provide content for Nupedia. However, as the wiki site became established it soon grew beyond the scope of the earlier project. As of January 2015, the website provided well over five million articles in English and more than that number in all other languages combined. At that same time, Alexa ranked Wikipedia as the seventh-most popular site on the Internet. Wikipedia was the only non-commercial site of the top ten.

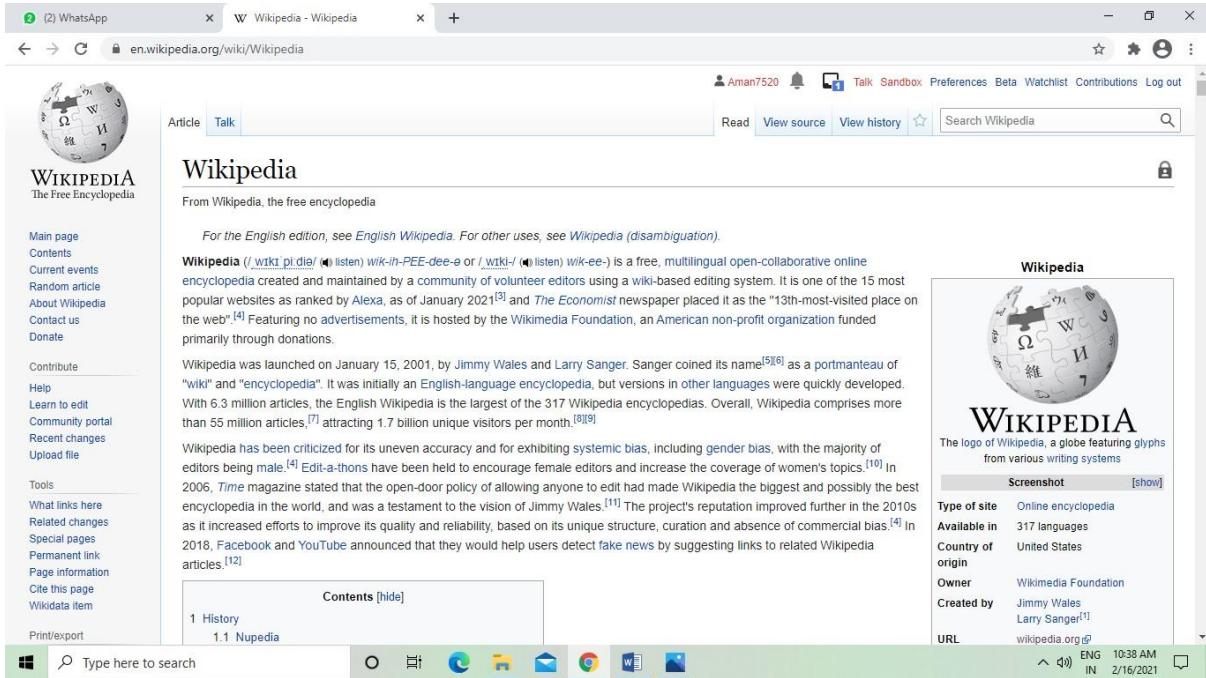
Features: 1. Creation of page, you can set your title and can add your own texts, no need of coding just type and format text like an email, when you done click on submit and its ready to view for everyone.

2. You can edit a public page if you find an outdated data , you can open editing screen and edit and then click on submit and changes are made.

3. Links can be created between pages you can simply add brackets around another Wiki page's title (e.g. [[Example Page Title]]) to automatically link to that page.

b) Creating account on Wikipedia.

Step 1: Click on the “Create account” on the upper right corner.



Step 2: Fill in the required details and click on the “Create your account” button.

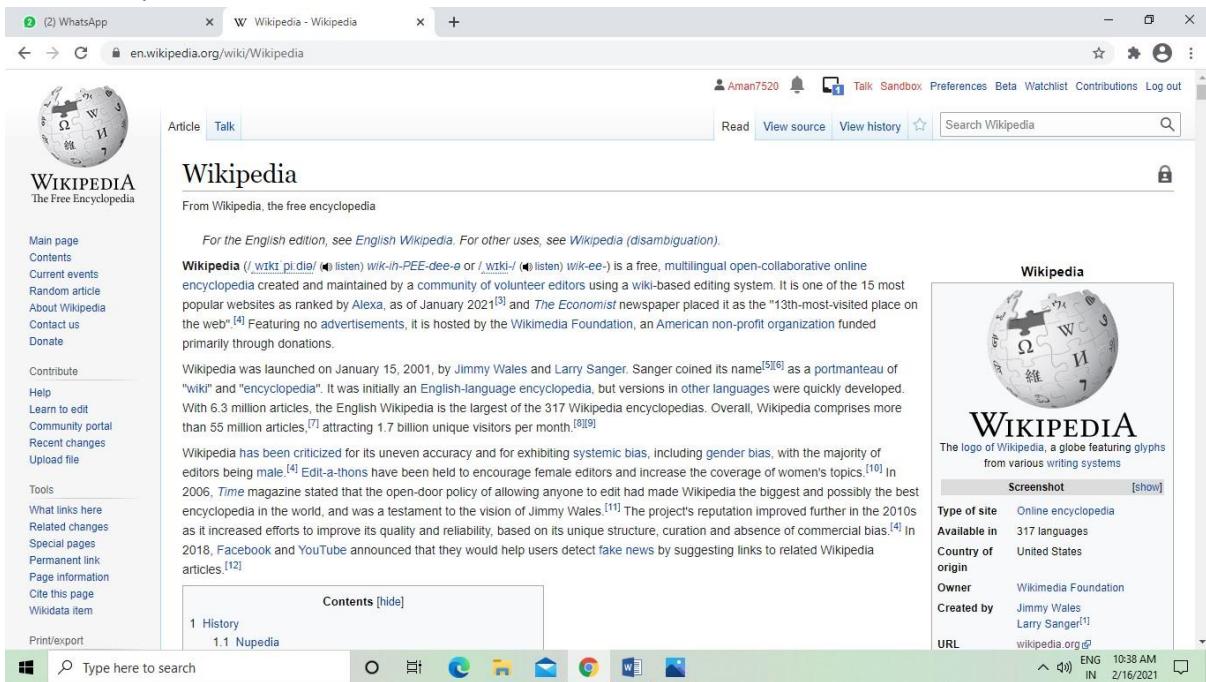
Screenshot of a web browser showing the "Create account" page on Wikipedia. The URL is en.wikipedia.org/w/index.php?title=Special:CreateAccount&returnto=Wikipedia. The page displays a warning about public usernames and a message that once created, it's impossible to hide the original username. It includes fields for Username, Password, Confirm password, and Email address (optional). To the right, there are statistics: 1,002,315,681 edits, 6,250,327 articles, and 148,564 recent contributors. The Windows taskbar at the bottom shows the search bar and pinned icons.

After clicking the button the account will be created.

Screenshot of a web browser showing the main Wikipedia homepage. The URL is en.wikipedia.org/wiki/Wikipedia. The page features the Wikipedia logo and the text "Wikipedia, the free encyclopedia". It provides a brief history of the project, mentioning its creation in 2001 and its status as the largest online encyclopedia. On the right side, there is a sidebar with information about the site, including its type (Online encyclopedia), availability in 317 languages, and ownership by the Wikimedia Foundation. The Windows taskbar at the bottom shows the search bar and pinned icons.

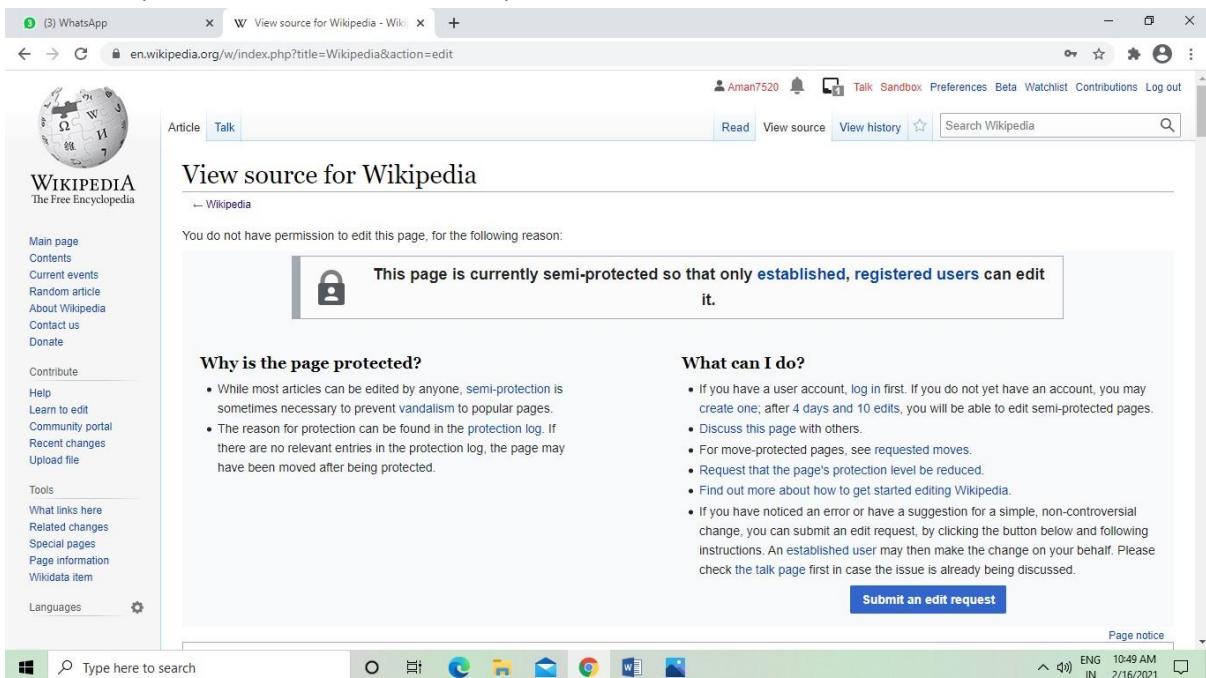
c) Creating your page on Wikipedia:

Step 1: Click on the view source button.



The screenshot shows a Windows 10 desktop with a browser window open to the English Wikipedia homepage. The address bar at the top of the browser says "en.wikipedia.org/wiki/Wikipedia". The main content area features the Wikipedia logo, the word "Wikipedia", and a brief introduction. To the right, there's a sidebar with information about the logo. The taskbar at the bottom has icons for WhatsApp, File Explorer, and other apps. The system tray shows the date and time as 2/16/2021 at 10:38 AM.

Step 2: Click on submit an edit request.



The screenshot shows a browser window with the URL "en.wikipedia.org/w/index.php?title=Wikipedia&action=edit". The page title is "View source for Wikipedia". A central message box states: "This page is currently semi-protected so that only established, registered users can edit it." Below this, there are two sections: "Why is the page protected?" and "What can I do?". The "What can I do?" section contains a list of steps for users who don't have permission to edit. At the bottom of the page is a blue button labeled "Submit an edit request". The taskbar and system tray are visible at the bottom of the screen.

Step 3: Click on talk button.

en.wikipedia.org/wiki/User_talk:Aman7520

User talk:Aman7520

No messages have been posted for this user yet.

- Post a message to Aman7520.

Other reasons this message may be displayed:

- If a page was recently created here, it may not be visible yet because of a delay in updating the database; wait a few minutes or try the purge function.
- Titles on Wikipedia are case sensitive except for the first character; please check alternative capitalizations and consider adding a redirect here to the correct title.
- If the page has been deleted, check the deletion log, and see Why was the page I created deleted?

Main page
Contents
Current events
Random article
About Wikipedia
Contact us
Donate
Contribute
Help
Learn to edit
Community portal
Recent changes
Upload file

Tools
What links here
User contributions
User logs
Mute this user
View user groups
Special pages
Printable version
Page information

Privacy policy About Wikipedia Disclaimers Contact Wikipedia Mobile view Developers Statistics Cookie statement

WIKIPEDIA The Free Encyclopedia

ENG IN 10:51 AM 2/16/2021

Step 4: Click on the user page.

en.wikipedia.org/w/index.php?title=User_talk:Aman7520&action=edit

User talk:Aman7520

No messages have been posted for this user yet.

- To start a page called User talk:Aman7520, type in the box below. When you are done, preview the page to check for errors and then publish it.

This is a talk page. Please respect the talk page guidelines, and remember to sign your posts by typing four tildes: ~~~~.

Content that violates any copyrights will be deleted. Encyclopedic content must be verifiable. Any work submitted to Wikipedia can be edited, used, and redistributed—by anyone—subject to certain terms and conditions.

B I > Advanced > Special characters > Help > Cite

Main page
Contents
Current events
Random article
About Wikipedia
Contact us
Donate
Contribute
Help
Learn to edit
Community portal
Recent changes
Upload file

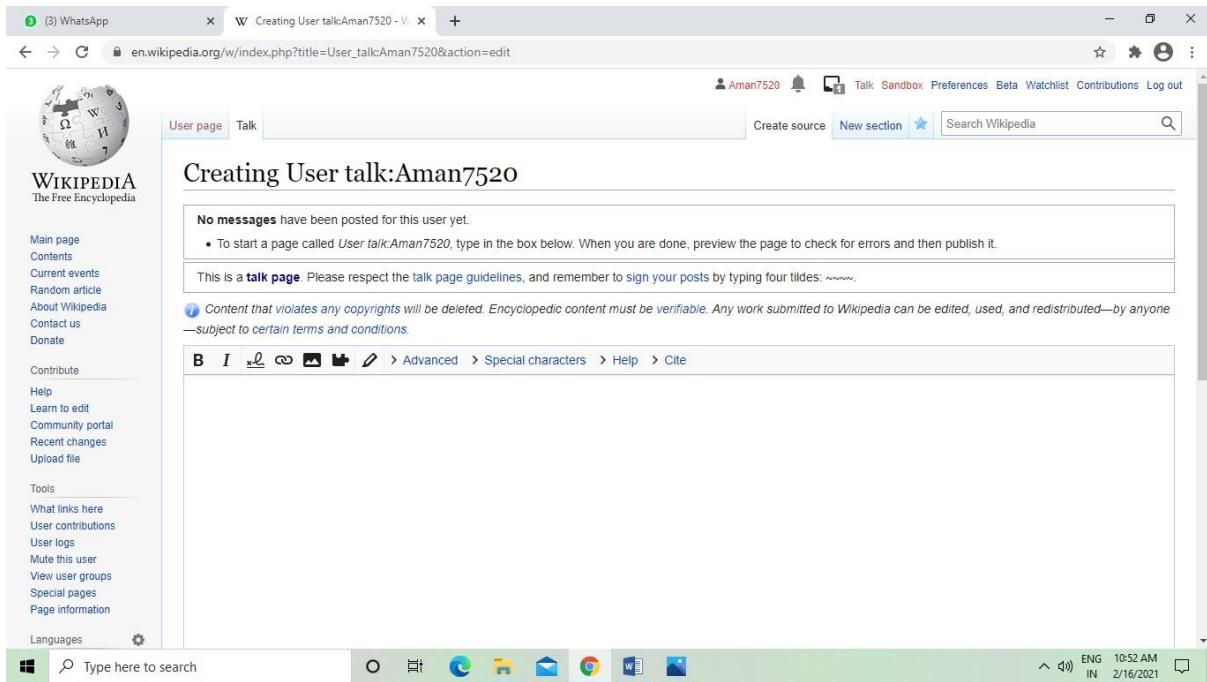
Tools
What links here
User contributions
User logs
Mute this user
View user groups
Special pages
Page information

Languages

ENG IN 10:52 AM 2/16/2021

d) Editing your page on Wikipedia:

Step 1: Click on “Edit source”.



Step 2: Make the required changes .

The screenshot shows a Microsoft Windows desktop environment. A browser window is open to the URL en.wikipedia.org/w/index.php?title=User_talk:Aman7520&action=edit. The page title is "Creating User talk:Aman7520". The left sidebar contains a navigation menu for Wikipedia, including links like "Main page", "Contents", "Recent changes", and "Upload file". The main content area displays a text editor with the following code:

```
<!DOCTYPE html>
<head>
    <title>page 1 </title>
</head>
<body>
    <p>>this is second page</p>
    <a href="three.html">click here to go to third page</a>
</body>
</html>
```

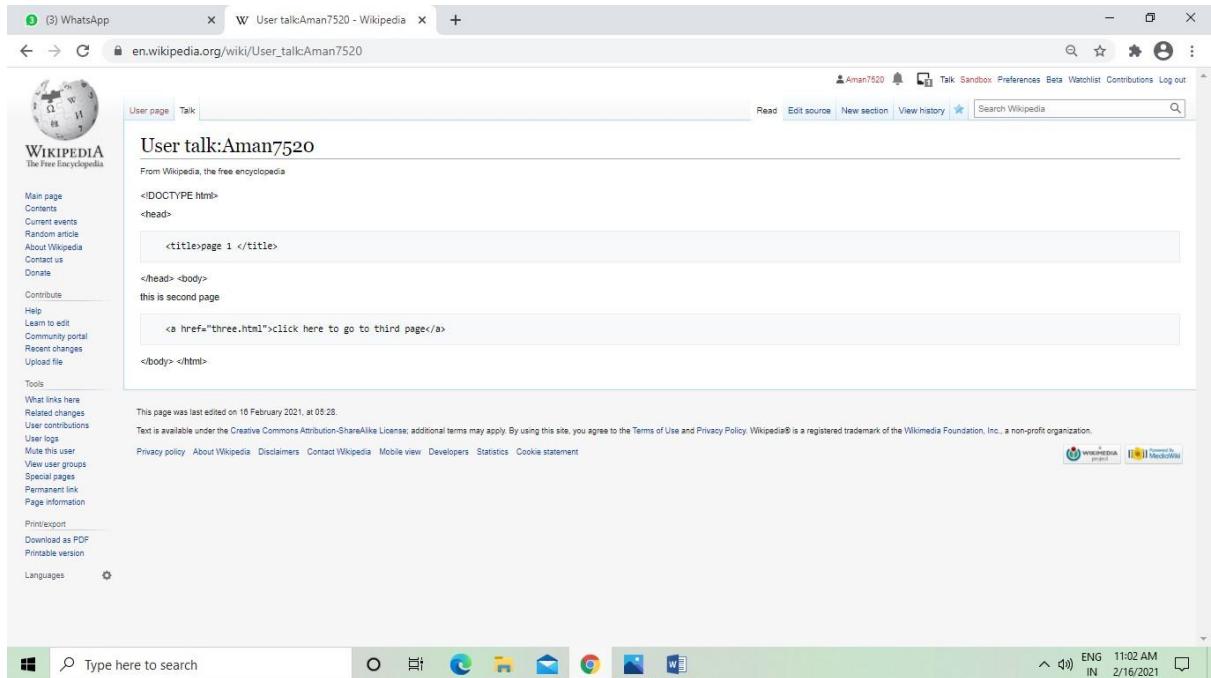
Step3 :- Click on publish page.

The screenshot shows the same Microsoft Windows desktop environment. The browser window now displays the published version of the talk page. The text has been rendered as:

>this is second page
[click here to go to third page](three.html)

The bottom of the page includes a summary input field, a "Watch this page" checkbox, and a "Permanent" dropdown. At the very bottom, there are buttons for "Publish page", "Show preview", "Show changes", and "Cancel".

After clicking on publish page you will reach on this page.

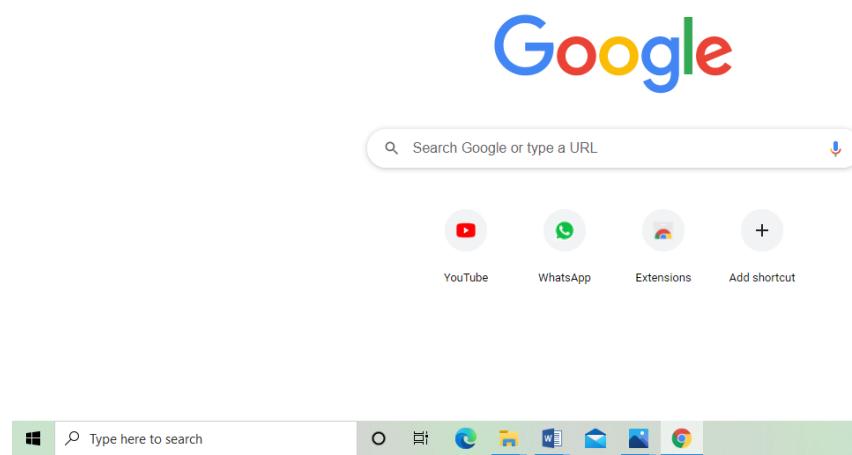
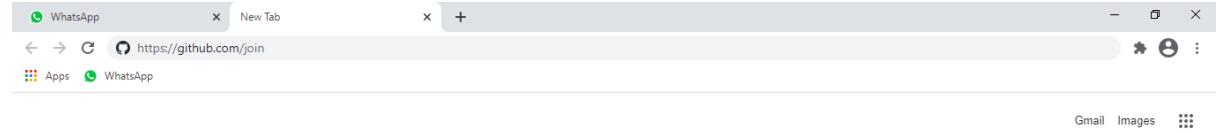


Practical 2

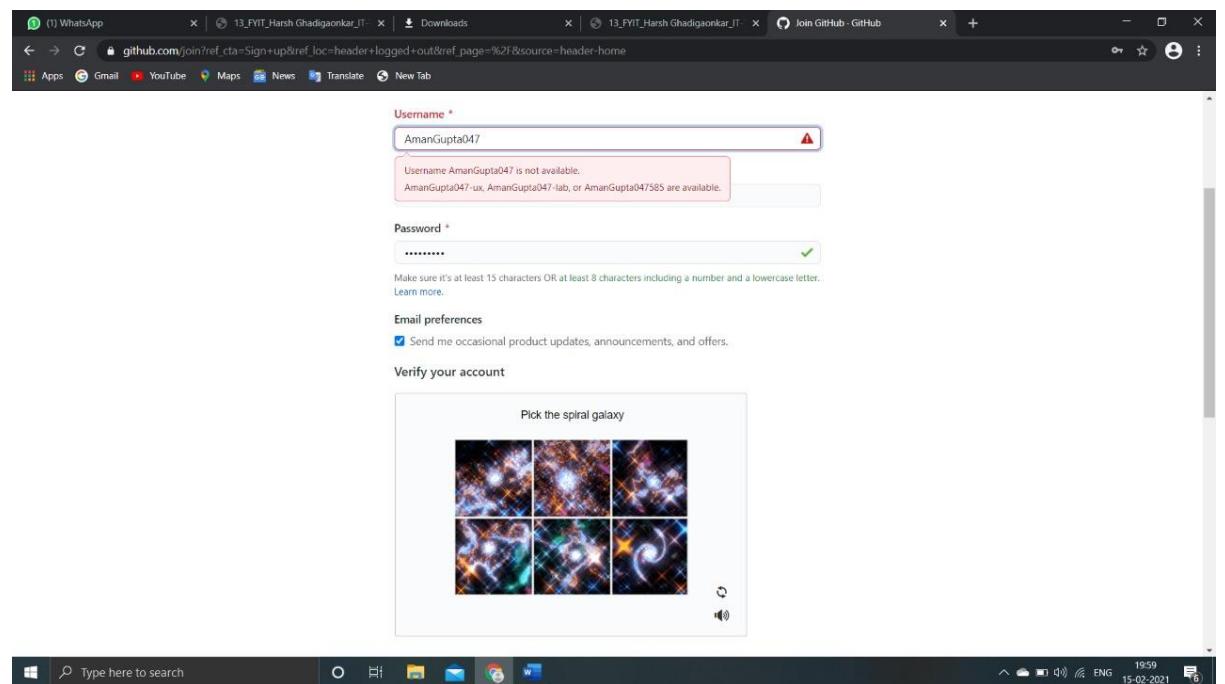
Creating account, repository on Github and Cloning repository in Github.

a) Creating Account:

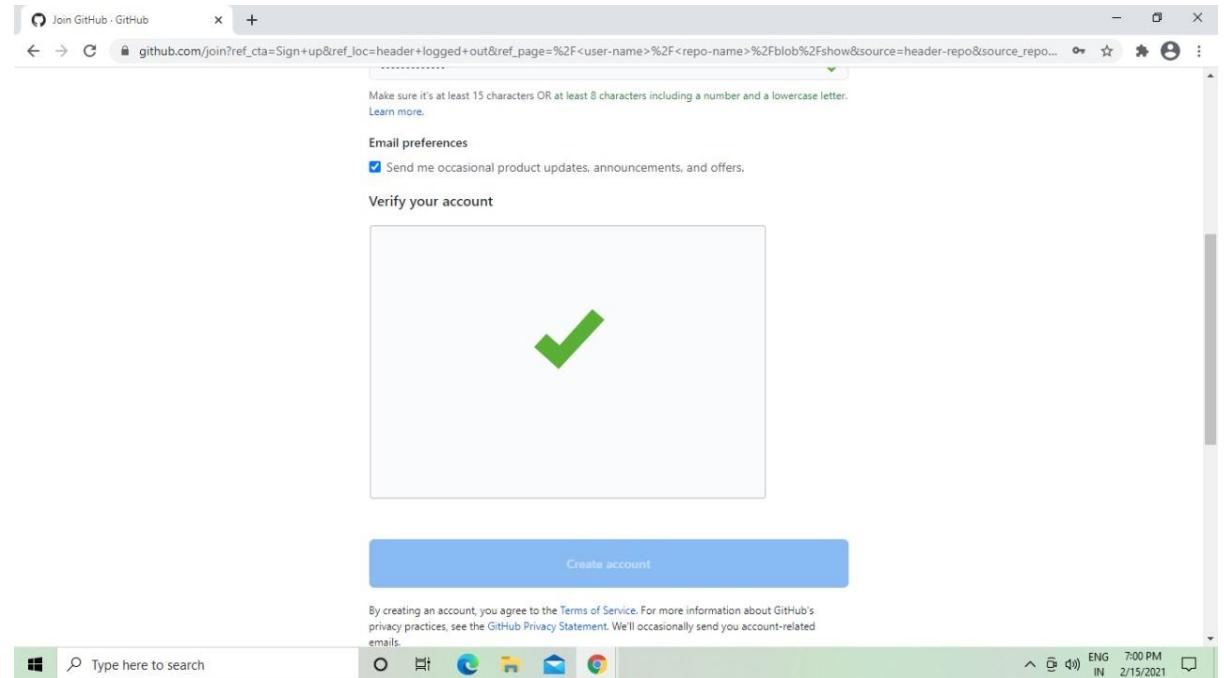
Step 1: Go to <https://github.com/join> in a web browser. You can use any web browser on your computer, phone or tablet to join.



Step 2: Enter your personal details and complete the CAPTCHA puzzle.

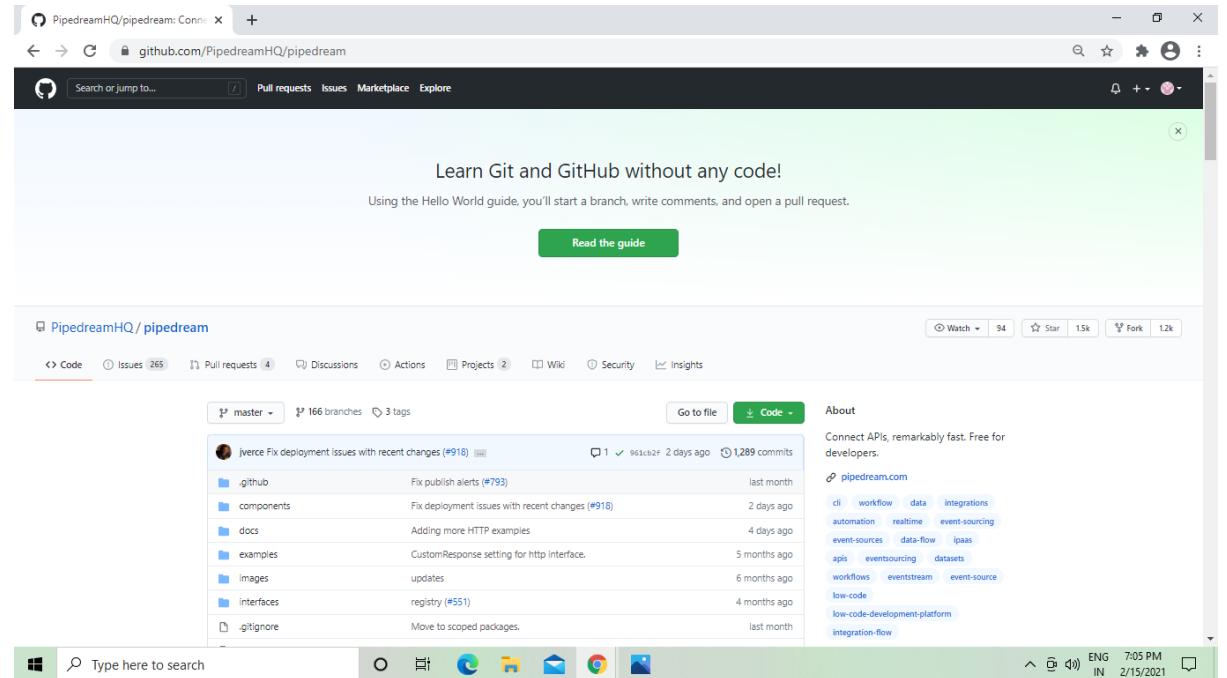


Step 3: Click the 'Create account' button below the form.

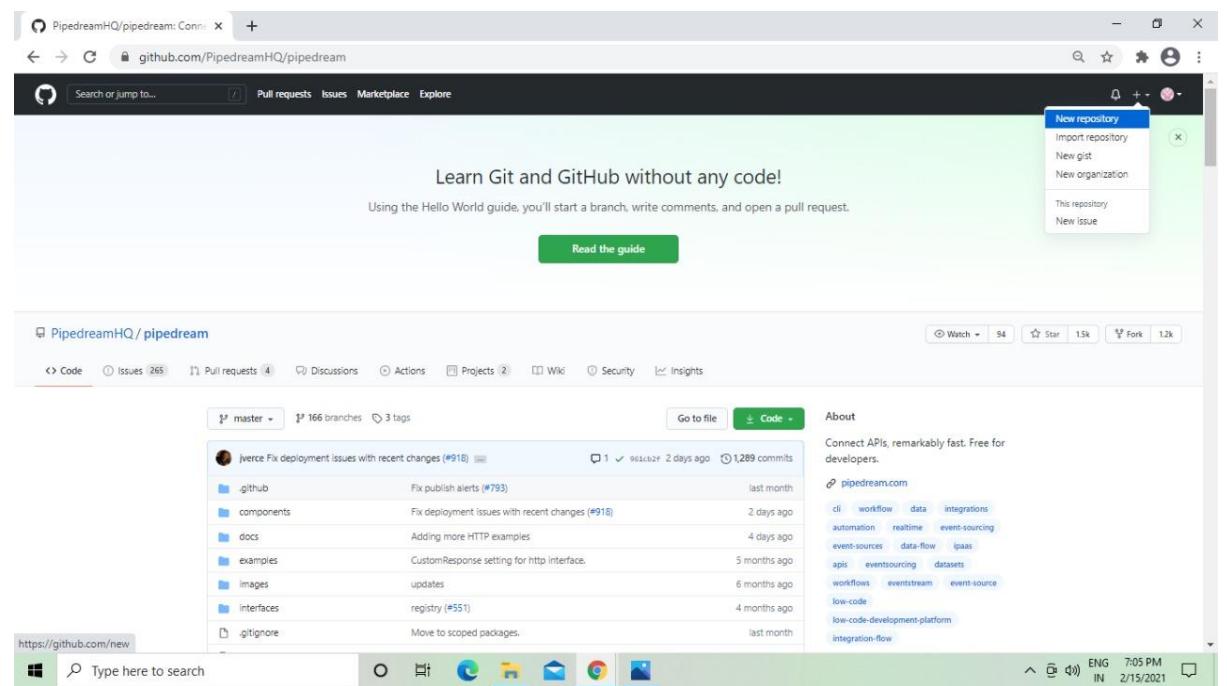


b) Creating Repository:

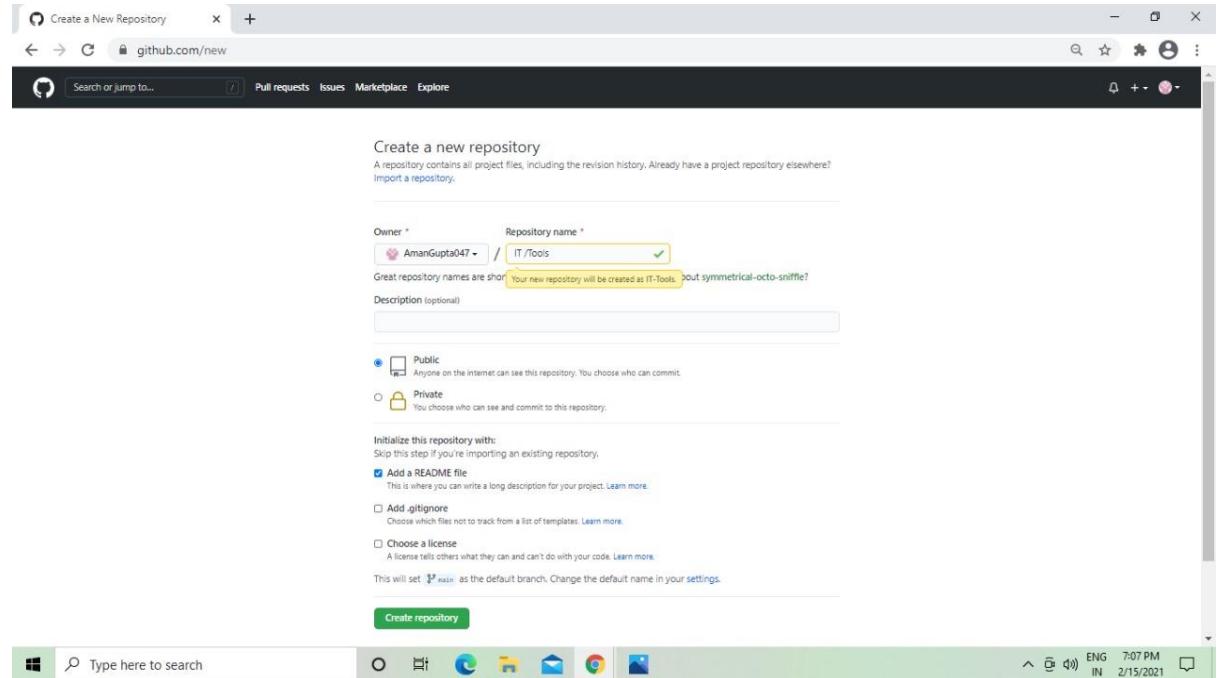
Step 1: To create repository click on + Button.



Step 2: Click on new repository.

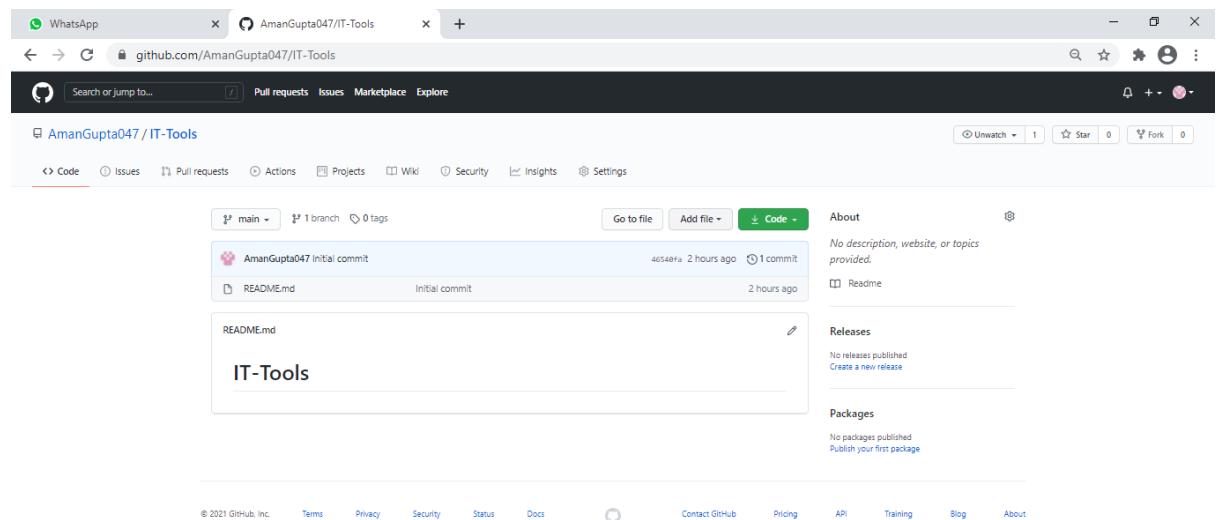


Step 3: Give name to your repository and choose one from private or public. Then click on create repository.

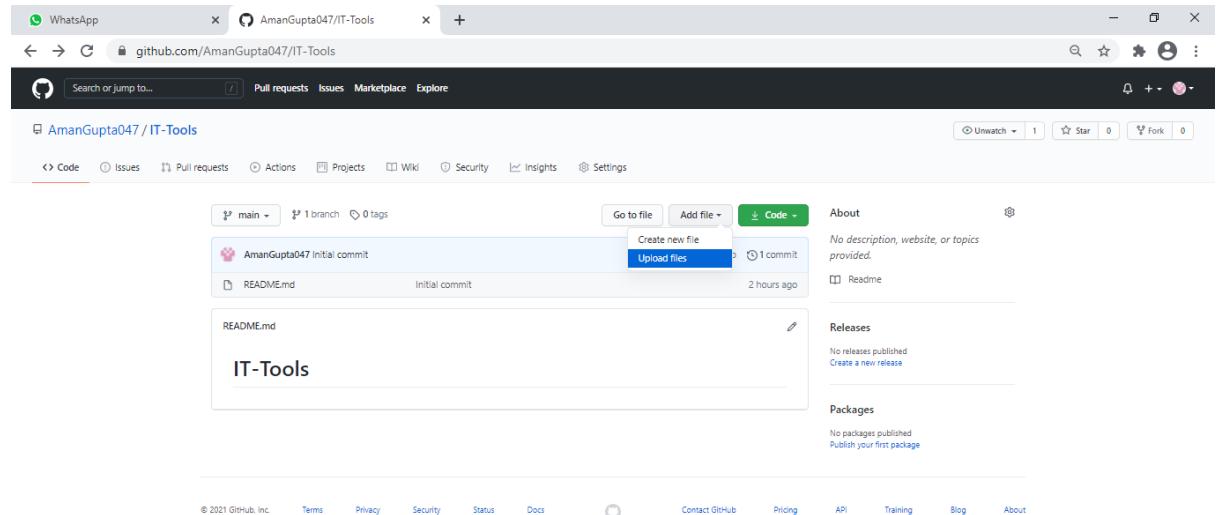


c) Cloning Repository:

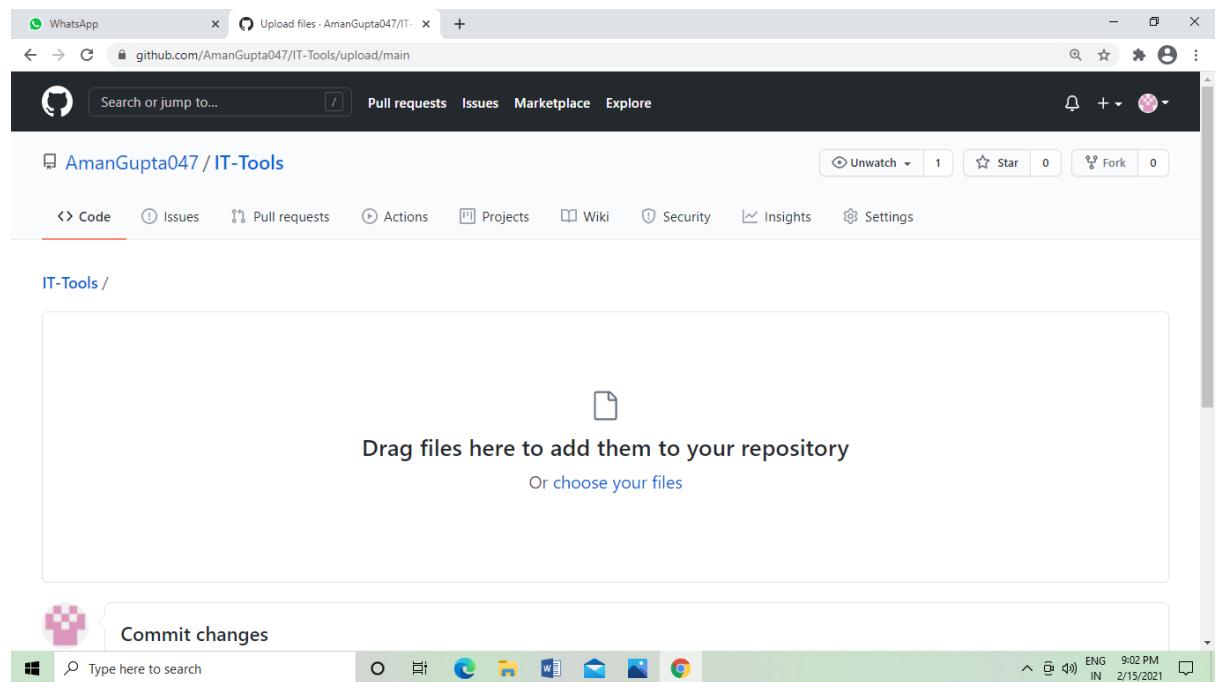
Step 1: Click on add file button.



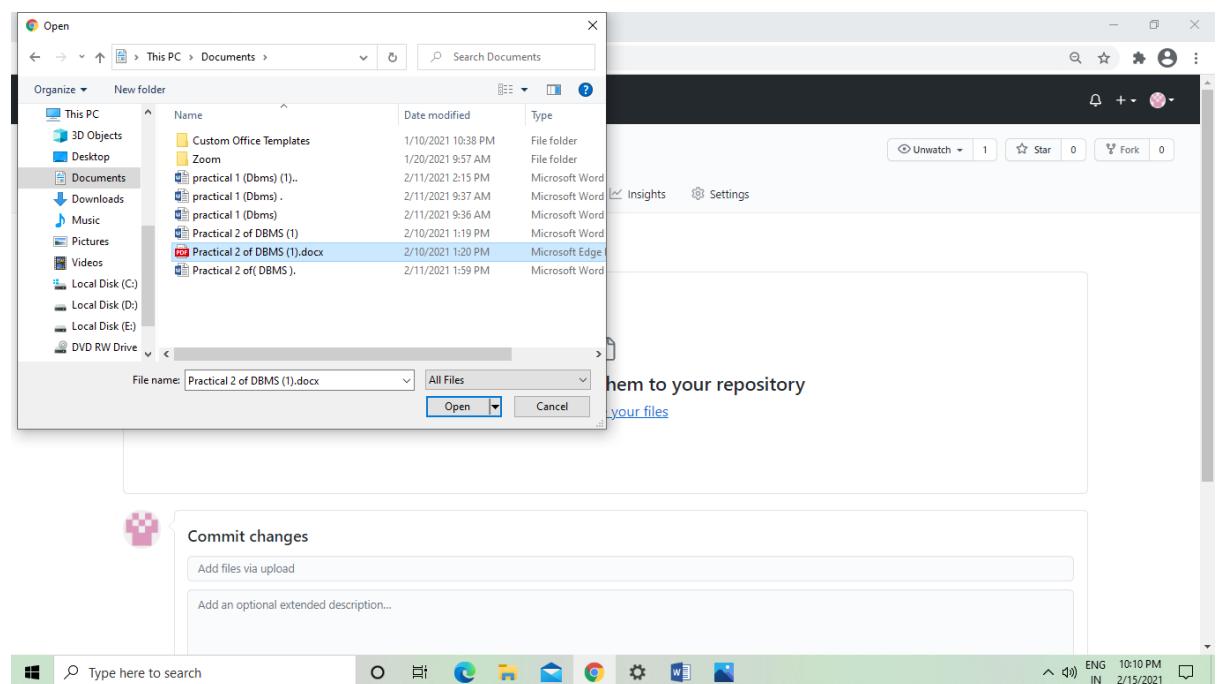
Step 2: Click on upload file button.



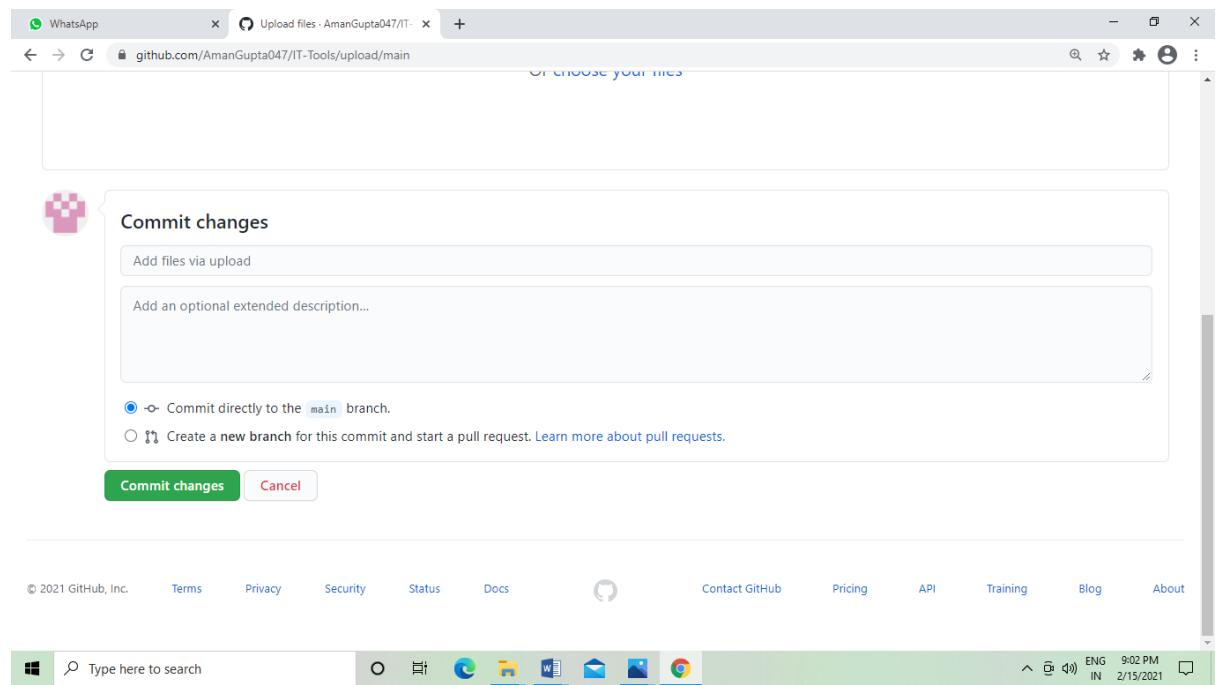
Step 3:- Click on choose your files.



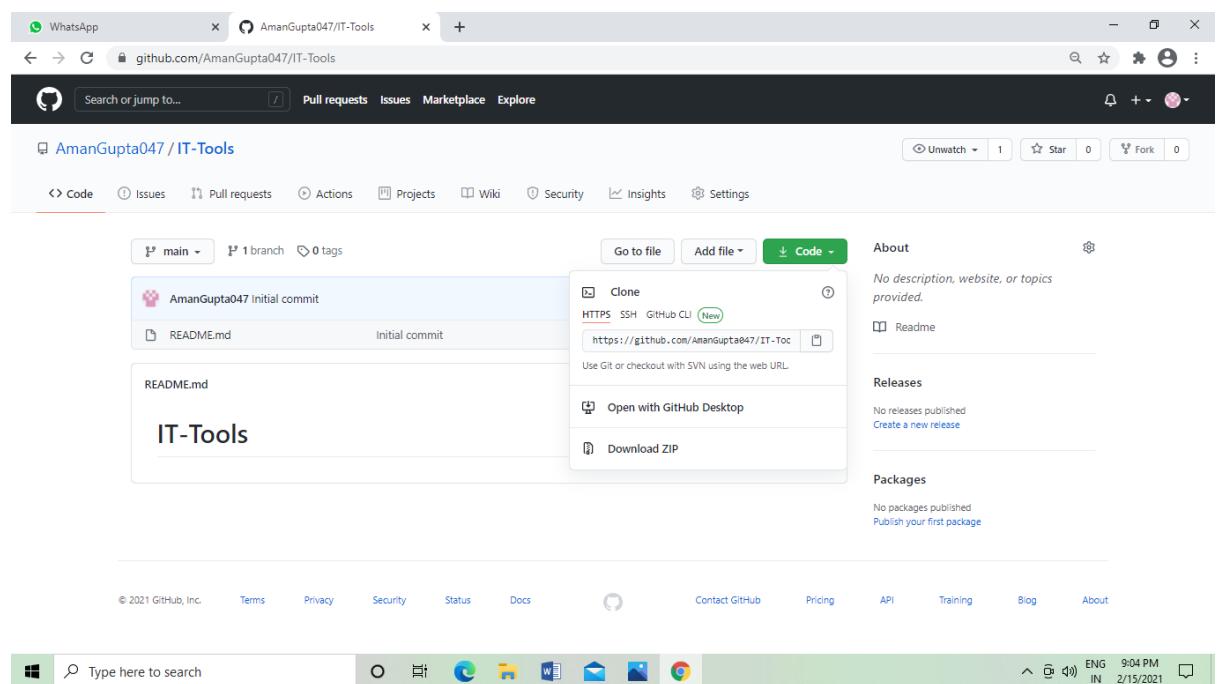
Step 4 :- Select file which you want to upload then click on open button.



Step5 :- Click on commit changes button.



Step6:- Click on code button to get the link of our repos



Practical 3

1) Describe open source software with example

Ans :- Open source software is type of computer software in which source code is released under a licence in which the copyright holder grants users the rights to use, study, change, and distribute the software to anyone and for any purpose. Open-source software may be developed in a collaborative public manner. Open-source software is a prominent example of open collaboration.

open-source software development can bring in diverse perspectives beyond those of a single company. A 2008 report by the Standish Group stated that adoption of open-source software models has resulted in savings of about \$60 billion (£48 billion) per year for consumers

types of open source software.

- Operating systems.
- Web servers.
- Database systems.
- Mobile development frameworks.
- QA automation tools.
- Big data analytics tools.
- Office software suites.
- Content management systems (CMSs)

Example:-

Firefox—a Web browser that competes with Internet Explorer. OpenOffice—a competitor to Microsoft Office. Gimp—a graphic tool with features found in Photoshop. Alfresco—collaboration software that competes with Microsoft Sharepoint and EMC's Documentum. What are the advantages of open source software?

- **FLEXIBILITY AND AGILITY.**
- **SPEED.**
- **COST-EFFECTIVENESS.**
- **ABILITY TO START SMALL.**
- **SOLID INFORMATION SECURITY.**
- **ATTRACT BETTER TALENT.**
- **SHARE MAINTENANCE COSTS.**
- **THE FUTURE.** disadvantages of open source software?

- The difficulty of use - Some **open source** applications may be tricky to set up and use.
- Compatibility issues - Many types of proprietary hardware need specialised drivers to run **open source programs**, which are often only available from the equipment manufacturer.

2) Describe Free software with example

Free software is **softwaare** that can be freely used, modified, and redistributed with only one restriction: any redistributed version of the software must be distributed with the original terms of free use, modification, and distribution (known as **copyleft**). The definition of free software is stipulated as part of the GNU Project and by the **free software foundation** Free software may be packaged and distributed for a fee; the "free" refers to the ability to reuse it, modified or unmodified, as part of another software package. As part of the ability to modify, users of free software may also have access to and study the **source code**

The concept of free software is the brainchild of Richard Stallman, head of the GNU Project. The best known example of free software is **linux**, an operating system that is proposed as an alternative to Windows or other proprietary operating systems. **debian** is an example of a distributor of a Linux package

Examples of Open Source Software

- **Firefox**—a Web browser that competes with Internet Explorer.
- **OpenOffice**—a competitor to Microsoft Office.
- **Gimp**—a graphic tool with features found in Photoshop.
- **Alfresco**—collaboration software that competes with Microsoft Sharepoint and EMC's Documentum.

Software is a set of instructions, data or programs used to operate computers and execute specific tasks. ... **Examples** of applications include office suites, database programs, web browsers, word processors, **software** development tools, image editors and communication platforms.

Free software (or libre software) is computer **software** distributed under terms that allow users to run the **software** for any purpose as well as to study, change, and distribute it and any adapted versions.

| Software | Examples | Program? |
|--------------------------|--|----------|
| Internet browser | Firefox, Google Chrome, and Internet Explorer. | Yes |
| Movie player | VLC and Windows Media Player. | Yes |
| Operating system | Android, iOS, Linux, macOS, and Windows. | No |
| Photo / Graphics program | Adobe Photoshop and CorelDRAW. | Yes |

3) Difference between open source software and free software

Free Software: “Free software” means software that respects users’ freedom and community. Roughly, it means that the users have the freedom to run, copy, distribute, study, change and improve the software. The term “free software” is sometimes misunderstood—it has nothing to do with price. It is about freedom.

Open Source Software :

Open Source Software is something which you can modify as per your needs, share with others without any licensing violation burden. When we say Open Source, source code of software is available publicly with Open Source licenses like GNU (GPL) which allows you to edit source code and distribute it. Read these licenses and you will realize that these licenses are created to help us.

1. Coined by the development environments around software produced by open collaboration of software developers on the internet.
2. Later specified by the Open Source Initiative (OSI).
3. It does not explicitly state ethical values, besides those directly associated to software development.

Software is an important part of Software is just software. There are

1. people's lives. no ethics associated directly to it.

Software freedom translates to Ethics are to be associated to the

2. social freedom. people not to the software.

Freedom is a value that is more important than any economical

3. advantage. allowed, not imposed.

Freedom is not an absolute concept. Freedom should be

Examples: The Free Software

Directory maintains a large

database of free-software

openpackages. Some of the best-

known examples include the

kernel, the BSD and Linux

systems, the GNU

Compiler Collection and C library;

the MySQL relational database;

the Apache web server; and the

4. Sendmail mail transport agent.

Examples: Prime examples of

source products are the Apache

HTTP Server, the e-commerce Linux

platform osCommerce, internet operating

browsers Mozilla Firefox and

Chromium (the project where the

vast majority of development of the

freeware Google Chrome is done)

and the full office suite LibreOffice.

PRACTICAL NO:- 4

[←](#) Compose



From guptaamanga3@gmail.com

To  sweety@nkc.ac.in

Respected Ma'am

Requesting for extention of time
For practical

Respected Ma'am

Good afternoon

I am Aman Gupta, students of Fyit and my Roll no is 17. I apologize for not being able to complete my practical no 3.I on time and missing the due date

Ma'am I request you to extend the submission date of practical 3 I assure that I will sui my practical on that time
Looking forward for your positive response

Regards

Aman Gupta

17 Fyit

Practical No. 5

Q) Using practical examples, describe Green computing. List and explain the steps that you take to contribute to Green computing.

1) Green computing :- “Going Green” is a rising trend establishing itself as the preferred way of doing things while saving the environment. This now appears in a large number of aspects in our lives, such as recycling, energy-efficient devices, clean energy sources, eco-friendly vehicles, green buildings. Computing has also established its share to contribute to saving the environment under the concept "Green Computing". Green computing is the environmentally responsible and eco-friendly use of computers and their resources. In broader terms, it is also defined as the study of designing, at reduces their environmental impact. Green Computing, also known as Green Technology or Green IT, has quickly emerged as the most effective means of utilising technology.

Examples of Green Computing :-

Renewable energy sources don't use fossil fuel.

- 2) They are available freely, are environmentally friendly and generate less pollution.
- 3) Apple, who is building a new corporate center, is planning to use most of the building's wind turbine technology, and Google has already built a wind-powered data centre.
- 4) All IONOS facilities in the US are either sourced from renewal sources, offset through certificates, or both. The company is also mindful of sustainability when manufacturing and disposing of hardware. As a result, CO2 emissions in 2018 were reduced by 143 tons through the recycling of old hardware.

Steps that we can take to contribute to Green Computing:-

- **Proclamation of the Green Intentions:**

It is always best to begin Green IT initiatives by communicating intentions to adopt an environment-friendly IT infrastructure. The push for energy efficiency should be cascaded down to every staff, setting the stage for collaboration between various departments. Once they learn about the initiatives, they will know that everyone needs to be involved.

- **Appointment of a Working Group for Green IT Compliance Assurance:**

Once the ball is set to roll, you need to have a committee that will monitor and ensure that the company's plans are adhered to by all members of the organization. One of the most important tasks that the appointed Green IT Committee must focus on is the acquisition of energy efficient IT infrastructure. This team should make sure that the IT groundwork meets all the criteria that are set for the protection of the environment.

- **Measurement of Current Carbon Footprints Produced by IT Components:**

Where the company stands in terms of carbon footprint brought about by information technology services, is an important information to be known. Quickly establish a carbon footprint reference point. Check on the power usage in the IT center and compare it with existing power efficiency standards and metrics for industry.

- **Planning More Centralized IT Operations:**

It is relatively easy for an organization to centralize its information technology (IT) system. With server virtualization, carbon footprints can be significantly reduced.

- **Usage of More Efficient Computer Applications:**

By using more powerful computer applications, your IT systems can better deal with inefficiencies. Besides, faster software spares the servers from regularly operating at maximum capacity, thereby consuming lesser power. If one can only increase the speed of the computer applications that is used, one can have a corresponding positive effect on the energy use and carbon emissions.

Practical 6

Redmi Note 10 pro Specification

[March 22, 2021](#)

Specification of Redmi note 10 pro

In redmi note 10 pro you get 6.67 inches Gorilla glass Display. It was launch in 4 march 2021 and the second sale of redmi note 10 pro is 24 march. The Procesor of phone is Qualcomm Snapdragon 732G . and is comes with 6 GB RAM and 64 GB ROM

CAMERA of redmi note 10 pro 64MP + 8MP + 5MP + 2MP

And front camera of phone 16 MP



Software

OPERATING SYSTEM OF REDMI NOTE 10 PRO IS ANDROID 11

and MIUI 12

CONNECTIVITY

Wifi , Bluetooth, Dual 4G volte

Battery

we get 5050mAh big battery

PRACTICAL NO. 7

1) Implementing coding practice in python using PEP8.

PEP 8 :- Indeed coding and applying logic is the foundation of any programming language but there's also another factor that every coder must keep in mind while coding and that is the coding style. Keeping this in mind, Python maintains a strict way of order and format of scripting. Following this sometimes mandatory and is a great help on the user's end, to understand. Making it easy for others to read code is always a good idea, and adopting a nice coding style helps tremendously for that.

For Python, PEP 8 has emerged as the style guide that most projects adhere to; it promotes a very readable and eye-pleasing coding style.

1)Use docstrings : There are both single and multi-line doctrines that can be used in Python. However, the single line comment fits in one-line, triple quotes are used in both cases. These are used to define a particular program or define a particular function.

2)Use of regular and updated comments are valuable to both the coders and user:- There are also various types and conditions that if followed can be of great help from programs and users point of view. Comments should form complete sentences. If a comment is a full sentence, its first word should be capitalized, unless it is an identifier that begins with a lower-case letter. In short comments, the period at the end can be omitted.

3)Naming convention: - There are few naming conventions that should be followed in order to make the program less complex and more readable. At the same time, the naming conventions in Python is a bit of mess, but here are few conventions that can be followed easily.

There is an overriding principle that follows that the names that are visible to the user as public parts of API should follow conventions that reflect usage rather than implementation.

Example :-

Code :-

11111.py - D:/python idle/11111.py (3.9.1)

```
File Edit Format Run Options Window Help
colors = ['red', 'green', 'yellow', 'blue']
print(colors)
print(type(colors))
print(len(colors))
print(colors[2])
print(colors[-1])
|
```

Output:-

```
['red', 'green', 'yellow', 'blue']
<class 'list'>
4
yellow
blue
>>>
```

Practical 8 :-

Group no :- 5

Microsoft Office SharePoint server 2007

Members:

Deva Mishra :- 44
Aman Gupta :- 17
Abhishek Gupta :- 16
Suraj Gupta :- 24
Ashish Jaiswal :- 26
Shital Chaube :- 05
Sumit Gupta :- 23
Puja Gupta :- 21
Brijesh Chaudhary :- 06

What is Microsoft Office 2007 ?

Microsoft Office 2007 is a version of Microsoft office, a family of office suites and productivity software for windows, developed and published by *Microsoft*.



Introduction to Microsoft Office SharePoint Server 2007

Microsoft Office SharePoint server or (MOSS) is Microsoft's first integrated server platform that aims to provide web content management, enterprise content services, and enterprise search.

MOSS 2007 is an application which runs on the WSS 3.0 platform.



Introduction to Microsoft Office SharePoint Server 2007

- ▶ SharePoint is a massive website engine which helps you create your own web site.
- ▶ It is not necessary to be a web designer for creating a website , any SharePoint user can create their own sites which can be a personal site or a website for their team or a website for their company as well as world.
- ▶ MOSS 2007 is enterprise collaboration and portal application which sits on top of WSS 3.0 framework and extends WSS 3.0 features as well as provides several new features which are not available in core WSS 3.0.
- ▶ It is used by Organizations to create websites .
- ▶ It can be use as a secure place to store , organise, share, and access information from any device.

General Improvements:-

1) Navigation:- Navigation can make or break your website's overall performance when it comes to retaining visitors, keeping them engaged and driving them through the conversion funnel.

2) Breadcrumbs:- A breadcrumb trail is a small menu usually located at the top of a page, used as a navigational aid. It shows the path to go from the current page back to the homepage.



General Improvements:-

- ▶ **3) Improved views :-** Many professionals have areas of improvement that could affect the way they work. Knowing what you can enhance can help you develop a plan of action to work on addressing your weaknesses, which can help you become a better employee.
- ▶ **4) Item level security:-** Here is a real-life scenario. You have built a list in SharePoint so that users can submit entries, but you only want users to be able to read or modify own entries.
- ▶ **5) Security trimmed ui:-** The assembly Microsoft.SharePoint.WebControls contains a control named SPSecurityTrimmedControl that does the security trimming of the child controls inside it. Just include our control inside this control and it will be displayed or hidden based on the permission specified.
- ▶ **6) RSS:-** The RSS chief's statement saw the civil aviation ministry swing into damage control mode. The ministry has assiduously worked over the past 10 months to offload its majority stake in the airline, but has struggled to find buyers.

Content Management

Bootstrap-- Architecture Basics:

To really get the most out of SharePoint you need to understand several important design and architecture concepts, and plan your implementation with a few key points in mind.



Content Management

- ▶ **Second Things Next -- User Experience and IA:-** Don't ask SharePoint to help you with your User Experience or Information Architecture. MOSS is a .NET development platform which provides a set of content, collaboration, search and integration services.
- ▶ **Look and Feel -- Branding & Navigation:-** If you listen to all the gossip on the net you may have heard that modifying the branding of a SharePoint site is one of the most challenging aspects of building on SharePoint.
- ▶ **Creating Multi-Lingual Websites:-** SharePoint is able to create and deploy websites that are multi-lingual. SharePoint has a feature called Variations that can be used to deploy content in one or more languages.
- ▶ **Publishing & Deployment:-** Setting up a SharePoint site requires setting up several site infrastructures -- generally development, staging and production.
- ▶ **Wrap Up -- Time to Get Dirty:-** That's the basics of web content management in SharePoint 2007. Us per the usual story, the best way to really understand the technology is to get your hands dirty with it.

Benefits

Provides :- Microsoft Office SharePoint Server 2007 provides a simple, familiar, and consistent user experience tightly integrated with familiar desktop applications, e-mails, and Web browsers.

Boost Productivity :- Microsoft Office SharePoint Server 2007 boosts productivity by simplifying everyday business activities through out-of-the-box workflows.



Benefits

- ▶ **Connect People**- Office SharePoint Server connects people with information and expertise through a powerful and relevant search.
- ▶ **Business-Critical**- Microsoft SharePoint Server 2007 enables people to make better-informed decisions by presenting business-critical information in one central location.
- ▶ **Sharing Business data**- Microsoft Office SharePoint Server 2007 allows sharing business data without divulging sensitive information through real time, interactive Excel spreadsheets using Excel Services.
- ▶ **organize access**- Microsoft Office SharePoint Server 2007 simplifies organization-wide access to both structured and unstructured information across disparate systems including Enterprise Resource Planning and CRM applications.

CRITICISM OF MICROSOFT OFFICE SHAREPOINT SERVER 2007

- **Bibliographies**- The new word 2007 features for bibliographies only support a small number of fixed citation style. Using XSLT, new styles can be added. The standard Association for computing Machinery publication format, are made freely available by third parties.



CRITICISM OF MICROSOFT OFFICE SHAREPOINT SERVER 2007

- **Office open XML:-** The new XML-based document file format in Microsoft Office 2007 is incompatible with previous version Microsoft Office unless an add on is installed for the older version. The Microsoft Word 2007 file format usability for does not support open XML format.
- **Ribbons:-** Even though the ribbon can be hidden PC World wrote that the new ribbon interface crowds the Office work area, especially for notebook users. PC World has stated that upgrading to Office 2007 presents dangers to certain data, such as templates, macros, and mail messages.
- The ribbon cannot be moved from the top to the side of the page.
- **Patenting controversy:-** Microsoft contractor Mike Gunderloy left Microsoft partially over his disagreement With the company's. He says that by leaving Microsoft , he is "no longer contributing death of programing".

Six Pillars of Microsoft SharePoint Server 2007

1.Collaboration : - By integrating Workspaces, Tasks, Forums, Surveys, Blogs, RSS and Wikis, the platform builds on the wild success of the 2003 collaboration features while hitting the Web 2.0 check box items for the new wave of collaboration and knowledge management applications.



Six Pillars of Microsoft SharePoint Server 2007

- ▶ **2 Portal** : SharePoint is a portal framework built using multiple portlets known as web parts. It offers Master pages which can be used for maintaining consistency across the portal.
- ▶ This remains one of the primary differentiators between the pay per CAL SharePoint version and the free WSS offering.
- ▶ **3. Enterprise Search** :- The core problems have been addressed and the functionality broadly expanded.
- ▶ MOSS 2007 opens up ACL-aware search across both local and remote data stores with features that enable specialized search for people and expertise.
- ▶ The ability to index and search data in line -of-business apps via the Business Data Store integration is powerful and will please both business managers and developers alike.

Six Pillars of Microsoft SharePoint Server 2007

- ▶ **4.web & enterprise content management**:- Microsoft is including core document management , major and minor versioning,check-in/check-out document locking, rich descriptive metadata, workflow (via windows workflow foundation),content type-based policies, auditing, and e- based - access controls at the document library ,folder, and individual document levels .
- ▶ The 2007 release builds on these capabilities delivering enhanced authoring, business document processing, web content management and publishing, records management.
- ▶ **5. Business process** :- Microsoft has overhauled this aspect of sharepoint with XML driven infopath forms that are available on a variety of platforms including portable wireless devices .

Six Pillars of Microsoft SharePoint Server 2007

- ▶ Client/server based form maintenance has been centralized and improved for business, processes for partner and customers .this area is not as close to our hears, but is another dynamic one that captures attention.
- ▶ **6. Business Intelligence :-** finally, BI has been improved across the board with Web-based dashboards on the macro level, server- based Excel services and Excel web services API's, line of business application and data repository application and data repository integration, and more sophisticated abilities to monitor key performance indicators.

Development of MOSS

Office 2007 introduced a new graphical user interface called the Fluent User Interface, which uses ribbons and an Office menu instead of menu bars and toolbars. Office 2007 also introduced Office Open XML file formats as the default file formats in Excel, PowerPoint, and Word. The new formats are intended to facilitate the sharing of information between programs, improve security, reduce the size of documents, and enable new recovery scenarios

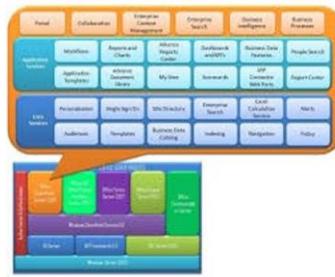


Development of MOSS

- ▶ Office 2007 requires Windows XP with Service Pack 2, Windows Server 2003 with Service Pack 1, or a later version of Windows; it is the last version of Microsoft Office to run on Windows XP Professional x64 Edition, as well as the x64 editions of Windows Server 2003
- ▶ Microsoft FrontPage discontinued, Microsoft SharePoint Designer, which is aimed towards development of SharePoint portals, becomes part of the Office 2007 family. Its designer-oriented counterpart, Microsoft Expression Web, is targeted for general web development. However, neither application has been included in Office 2007 software suites.
- ▶ Speech recognition functionality has been removed from the individual programs in the Office 2007 suite, as Windows Speech Recognition was integrated into Windows Vista. Windows XP users must install a previous version of Office to use speech recognition features.

Features of MOSS

1. User interface (UI): The entire user interface has been redesigned to make navigation and achieving simple tasks easy.



Features of MOSS

- ▶ **2. Drag and drop:-** Upload content to sites by dragging items from your computer into a library.
- ▶ **3. On-hover:-** A callout feature that works with any document within a library or from search results that enables easy sharing, viewing, following or jumping to content.
- ▶ **4. Touch:-** Large touch targets for easy navigation and mobile device access.
- ▶ **5. Business Intelligence :-** finally, BI has been improved across the board with Web-based dashboards on the macro level, server -based Excel services and Excel web services API's, line of business application and data repository application and data repository integration, and more sophisticated abilities to monitor key performance indicators.
- ▶ Despite Microsoft's performance point BI server, this is one area of MOSS that we feel has the ability to shift the market.

Thank you

