

WEEK - 3

1. Digital Transformation Success Story of Netflix



- Netflix is an American subscription video-on-demand over-the-top streaming service owned and operated by Netflix International company. The service primarily includes films and television series produced by the media company of same name from various years.
- It is available internationally in multiple languages. Netflix was founded on January 19, 2017 as a streaming video company. Through its Netflix service, customers look at individual film/series and can experience the service provided.
- Its headquarters are located in Los Gatos, California, U.S. regarding its growth, expansion, service and reach, CNW called its active user as being the service as of June 30, 2023 reports.
- Netflix's founders were Reed Hastings and Marc Benioff. Current CEO of the Netflix company is Greg Kassar. Netflix was once a DVD mail service. Now Netflix has transformed into a global streaming platform.
- By leveraging its massive web digital technology and data analytics, Netflix promised to create new experiences and optimized its streaming quality.
- This digital technology also helped in making the digital content less vulnerable to piracy. This led to the exponential growth and delivery of the service according to date.

Digital Transformation: Digital transformation is a strategic approach that allows organizations to efficiently enhance productivity and create new business opportunities by adopting technology-enabled IT and IT systems.

Eg:- creating innovative management systems.

Information Technology: IT refers to the use of computers, networks, and other physical devices, infrastructures and processes to create, store, access and exchange all forms of electronic data. The commercial use of IT encompasses both computer technology as well as communications.

Operational Technology: It is the practice of using hardware and software to control industrial equipment and to provide information about the physical world.

Eg. Manufacturing, computer software.

IT/OT Convergence

- It is the convergence of information technology systems with Operational technology systems.
- IT systems are used for data collection, computing while OT systems monitor events, processes, detect and make adjustments to optimize and maintain operations.
- IT/OT Convergence involves combining information assets both IT and OT assets.
- This convergence can be used to enhance the value of the current facilities and improve the organization before reaching a business goal.

Case Study of Digital transformation through IT and OT convergence

INTA

A large fertilizer and manufacturing company, an industry decided to undergo a digital transformation by integrating its Information technology (IT) system & Operational technology (OT) to improve:

- Productivity
- Safety
- Overall efficiency

Digital transformation challenges faced by the company:

- **Continuous evolution of customer needs** - Customer's experiences and demands have increased over time. Organizations put years of effort into digital transformation, customer needs can change throughout that as they are constantly looking for more better and advanced services.
- **talent shortage** - Another challenge of digital transformation is the high costs that come with it. As the technology investment, organizations need to carefully plan the budget and manage with a strong the skill set and respond to customer and competitors' needs.
- **Lack of resources** - When a organization starts digital transformation, lack of resources hampers its performance with a rapid pace. Considering how complex digital transformation strategy is, the right skill set and knowledge are an integral to implement the necessary changes.
- **Security concerns** - As organizations adopt smart work, digital processes will have least vulnerability. They are exposed to higher levels of risk. Consequently, they are required to implement tighter security measures and improve their cyber security-related measures against threats. Securing their data and other valuable assets of an organization required to access outside and require a response.
- **Infra and legacy challenges** - For current Government companies having a legacy product, if formed with an old piece of hardware, this demand typically OTs, therefore their good old system may be require the problem. This demands the software and hardware of the industry.

Digital transformation implementation to overcome the above difficulties:

- **Revamp the current work:** Organization looking up to the old to revamp current design for new systems by utilizing their work.
- **Digital transformation budget planning:** A week lot of money without make the financial budget to follow the process involved. A budget should be prepared based on overall goals and needs, strategic plan, to define planned resources and source of investments etc.
- **Creating skill opportunities:** There is shortage of business to business, manufacturing industry lack of employee not have because they had been trained for a different work in the company. By providing employee opportunities to able to increase the employee to get the requirement. This can overcome the nature of unemployment.
- **Reduce information security:** Organization should implement security control and policies, invest in new tools and technologies, implement risk management and train employees.
- **Changing the way business are made:** Data and analytics have played a crucial role in all the digital transformation, as they have become increasingly embedded in the company's decision making processes. By leveraging data, the company has been able to revolutionize its internal management, logistics, HR/HRM, and overall supply chain operations. This has led to the adoption of new working practices and increased firm output.
- **Integrate AI and II technologies:** IICT has been going along with augmented reality(AI) and virtual reality(VR) technologies to create customer experiences. The company has used II technologies to help customers visualize their business like in their homes and have acquired Customer-based Conversational Lab to develop a II home visualization tool. The tool aims to demonstrate home design, making it accessible to anyone doing a rough plan design.

Final Outcomes

- **Increased operational stability:** It requires a robust working for the production process, to improve regarding production issues.
- **Enhanced productivity:** The digital integration streamlined workflow and automated the production, leading to a 15% increase in overall productivity.
- **Improved quality control:** Expanding the quality control by controlling the process regarding safety and ensuring product quality.
- **Reduction maintenance:** After improving the quality of the product, machine maintenance is very well important to ensure better equipment to improve the O&M.
- **Skill development:** Focus training has to be placed for the required work force in order to help new technology and process.

In conclusion, AI in digital transformation journey serves as an inspiring example of how deep-rooted traditions can evolve, steps in shaping tomorrow's tech and business environment.

By staying true to its core values while embracing new technologies and practices, BIA has managed to connect itself to the future, paving the way for continued success in the digital age.

Here is the final step that is conclusion for this is it achieves the target in strategy vision, as well as it serves of your will. By focusing regarding perfection process by adding proper vision in strategy core technologies and road map vision as power for thoughtful workflow, progressively start with controlling regarding production business. Also before the initial market.

From a customer service and assist to assist a user to have a huge nature in the business.

1. Identify the Typical Process of Workflow that can be Automated.

Glossary

Nintendo Co., Ltd. is a Japanese multinational video game company headquartered in Kyoto. It develops, publishes and releases both video game software and game consoles. Nintendo was founded in 1889 as Nintendo Koppai by Nintendo Tanaka. Since then, Nintendo has produced some of the most successful console game video game industry, such as the Game Boy, the Super Nintendo and Switch.

Here are some typical processes that could be automated using various tools within the context of the production industry like Nintendo:

1. Conceptualization and Design

- **Automated Idea Generation:** AI tools can generate a wide range of game ideas, storylines, and mechanics to inspire game concept ideas.
- **Procedural Level Design:** Tools can automatically generate game levels using predefined rules and algorithms.

2. Pre-production

- **Asset Generation:** AI tools can generate textures, models, and other art assets based on design specifications.
- **Script Writing:** AI can assist in generating dialogue, narratives, and scripts based on the game's story and genre.

3. Production

- **Version Control:** AI-driven tools can monitor and manage game code, assets, and version control, ensuring team cohesion.

- **Bug Detection:** Automated testing tools can identify bugs, glitches, and vulnerabilities in the game code.
- **Build Automation:** Continuous integration tools can automatically compile, build, and distribute new game builds to the target platform.
- **Localization:** Automated systems can assist in translating game content into multiple languages.

4. Quality Assurance

- **Automated Testing:** AI-driven testing tools can perform regression testing, identify performance issues, and ensure consistent graphics across different devices.
- **Playtesting AI:** Algorithms can simulate player behavior to identify potential balancing issues or areas of the game that need improvement.

5. Marketing and Promotion

- **Social Media Automation:** Tools can schedule and post updates on social media platforms, creating content for the game's narrative.
- **Data Analytics:** Automated analysis platforms can process user insights about player behavior, helping the team make informed decisions about marketing strategies.

6. Post-Launch Support

- **Player Support Chatbots:** AI-powered chatbots can provide immediate assistance to players, answering common questions and troubleshooting issues.
- **Live Operations:** Automated tools help schedule in-game events, updates, and content releases to keep players engaged.

7. User Feedback and Updates

- **Sentiment Analysis:** AI-based sentiment analysis tools can process user reviews and feedback to understand player reactions.
- **Feature Updates:** Automated systems can facilitate the implementation of new features, improvements, and content updates.

8. Monetization and Analytics

- **In-game Purchases:** Automation can manage game purchases, virtual currency, and transactions.
- **Monetization Analytics:** Advanced systems can track player spending patterns and provide insights on in-game revenue strategies.

9. Security and Anti-Cheat

- **Automated Security Checks:** Tools can continuously scan for vulnerabilities and potential security breaches in the game's code.
- **Anti-Cheat Systems:** In multiplayer games, can detect and prevent cheating or unauthorized access to the game's system.

10. Data Backup and Recovery

- **Automated Backups:** Regular automated backups of game assets, code, and databases ensure data integrity and disaster recovery.

4. How to Create Project Plan and Product Backlog for project and User Story Creation

Step 1: Open the web browser & search for Jira login.

Step 2: For create account with your Gmail account & sign in the Jira tool.

Step 3: Click on Jira software > project > create project then click on create.

Step 4: Select Scrum & click on the template and then click on create.

Step 5: Give a name to your project and Give a Description & you want.

Step 6: In the description you can add name of the project with the details of your team.

Step 7: Now go to Backlog, drag & drop the User stories and tasks and then click that two different types.

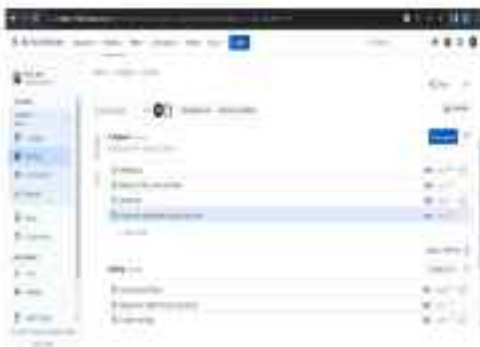




Step 8: Give the user group permissions to read and delete the S3 bucket.

Step 9: Go to Action (right) & give the Full Control permission to the Group (user and Group as well) type.

Step 10: Click on the Check AWS IAM.





WEEK 2

1. Creating Acceptance Criteria for the given User Stories by using Jira Software Steps for creating Acceptance Criteria

Step 1: After creating the issue with title as "Timeline, plan the new feature. New group 'user' table project."



Step 2: I have added specific rules changes as the right side of the "Create Issue" in the program's Data window for given User stories and table.



Step 3: New Group "user" as the right side of the screen is view of the User must and table of the Task.



Step 4. Enter "Wages, Salaries" as the amount "New Type"

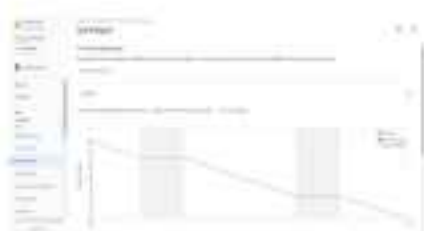


Report: Now when we're all here under the program, it's like attending a "conference" where we discuss the program and then tell our "boss" what to do.



8. System Planning: System planning is an exercise across the globe of the system. The purpose of system planning is to determine what can be achieved in the system and what needs will be achieved. System planning is done in collaboration with the whole system team. Unlike a spot, system planning is a long-term planning activity to test and deliver system solutions, while continuously learning and improving.

[illegible]



1. **System Perspective:** This perspective is viewing the interface at the end of a game. The length of the testing depends on the size and complexity of the system. Perspective Mostly how is expressed with by affecting what needed, what was, and why. How to understand with all kind of feedback whether it is Good or Bad or it is quite improve a system.



2. Design Principles for UI and UX design for the criminal justice system by using Web Training Technology like Figma.

Figma Figma is the leading collaboration design tool for building meaningful products. Simultaneously design, prototype, develop, and collect feedback in a single platform. Figma helps you gain control of remote design teams. You share the ability to "pull" from design components of the design away from the main project. These tools can be edited, moved, and moved, multiple times without affecting the rest of the project. When you're satisfied with the final, you can easily export it back into the visual design.

User Interface The user interface (UI) is the point of human-computer interaction and communication between the device. User interface refers to the way in which a user interacts with objects of software, such as an application, or an application. This includes graphical elements such as icons, buttons, and other controls essential for a system's function.

User Experience: User experience (UX) design is the process designers follow when to create products that provide meaningful and relevant experiences to users. UX design involves the design of the entire process of acquiring and integrating the product, including aspects of branding, design, usability and function.

1. Splash screen



2. Login screen



3. Homepage Screen



1. Test case for IKEA Application

3. Test case for splash screen page

Sl	Test Steps	Test Case	Expected Result	Actual Result	Status
1.	Click on the splash screen	Click on the splash screen	Click on the splash screen	Click on the splash screen	Pass

3. Test case for login screen

Sl	Test Steps	Test Case	Expected Result	Actual Result	Status
1.	Click on the login screen	Click on the login screen	Click on the login screen	Click on the login screen	Pass

		Common - or Final - id.			
1.	Showing proper parental rights	Showing the new parent.	There should be a new parent who parented using the right details.	Showing the new parent the new school successfully.	Yes
2.	To create a new account	To sign in with the new account using the website or, Email or with Google account.	To be able to create a new account and perform login process.	Cannot allow access a new account with the other website or.	Full
3.	To enter into the Homepage	Search for information view of the product with details.	Homepage should be presentable in the user browser.	User should be able to see the product quality in a better manner.	Yes

3. Test cases for Home application:

Sl No.	Test steps	Test data	Expected result	Actual result	Pass Fail
1.	Click on home bar below the UI navigation	Showing of registered product categories items.	Showing of the product listed in website.	Showing of the multiple product categories.	Yes
2.	To check whether all the products are displayed and changed in a better way.	Updating the showcases displayed if any change required app.	Common should be able to see the product clearly with all the details listed.	Not displaying the desired result.	Full
3.	To view a comparison between articles prices.	Only comparison article listed in the guide details and prices of the item.	Comparison article should be displayed with various latest updates.	Comparison table should be visible in the Homepage itself.	Yes

4	To create a case (a profile)	To manage and control the case (a material)	To be made visible in the (language) area: ethical and political	Engaged in the New Europe under My account name
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WEEK -3

1. Git Client installation and setup

Step 1: Go to web browser and search for 'git' and tap on the first link.



Step 2: Here click on 'Download for Windows'



Step 3: Click on 'Click here to download'



Step 4: Click on the downloaded file to start the "Flow"



Step 5: Click on the 'Flow' button to start the "Flow"



Step 6: Click on the 'Flow' button to start the "Flow"



Fig.7. Transition New



Fig.8. Selection of the Worksheet on which the data will be entered. Click on the 'OK' button.



Fig.9. Click on the 'OK' button. The data will be entered in the worksheet. Click on the 'OK' button.

Next:



Step 10: Now click on 'Next'.



Step 11: Click on 'Next'.



Fig.12 Click on Next



Fig.13 Click on Next



Step 14: Press enable the first option & click on "Next"



Step 15: Press enable the first option & click on "Next"



Step 16: Press enable the first option & click on "Next"



Step 17: Enable the first option it click on "Next"



Step 18: Now enable both the checkboxes it click on "Next"



Step 19: Then click on "Next" button & click on "Next"



• Creating a repository

Step 18: Next, create a `git` repository:

```
git init
git add .
git commit -m "Initial commit"
```

Step 19: Now enter the command `ls -la` to view the repository:

```
ls -la
.
..
.git
```

Step 20: Enter the command `git status` to view the status:

```
git status
On branch master
nothing to commit, working tree clean
```

Step 21: Enter the command `git add example.txt` to add a new file:

```
git add example.txt
```

Step 24: Now enter `git status` to view the repository:

```
git status
On branch master
Changes to be committed:
  (use "git reset HEAD" to unstage this commit)
        new file:   example.txt
```

Step 25: Enter the command `git commit -m "first commit" example.txt` to commit the file:

```
git commit -m "first commit" example.txt
git push origin master
```

Step 26: Now enter `git status -global` to view the repository:

`-global` view the status of the repository:

```
git status -global
On branch master
nothing to commit, working tree clean
```

Step 27: Enter `git status -global` to view the repository:

```
git clone https://github.com:gitlabhq/gitlabhq.git
cd gitlabhq
git checkout v14.0.0
```

Step 2: Download the GitLab source code and create a new repository named **gitlabhq**. Go to the **gitlabhq** repository on GitHub and click on the **Clone or download** button.

```
git clone https://github.com:gitlabhq/gitlabhq.git
cd gitlabhq
git checkout v14.0.0
```

Step 3: Initialize the GitLab server and create a new repository named **gitlabhq**. Go to the **gitlabhq** repository on GitHub and click on the **Clone or download** button.





Step 12 Click on 'General' token view & click on 'Token' view. And Press enter token class

under the 'General' view I want to see 'Token'.



Step 13 Give a name for your Token -> New Token & make it for the token range value and Switch to General Token.

Microsoft Teams Admin Center > Settings > Chat > Chat

Chat settings for the entire organization (view and edit settings for all users)

Chat settings for the entire organization (view and edit settings for all users)

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Step 32: Also copy the below command to the command window and press Enter to get a positive link to the same command.



Step 33: Now copy the below command to the command window and press Enter to get a positive link to the same command.



Step 34: Now paste the above command link to the Chat settings page.

Step 35: Now paste the above command link to the Chat settings page.

Step 38: Here you can copy the git profile to your clipboard.

```
...and paste it into your terminal or the command line  
git config --global user.name "Your Name"  
git config --global user.email "your_email@example.com"  
git config --global color.ui true  
git config --global push.default upstream  
git config --global branch.autosetupmerge true
```

git config --global user.name "Your Name"

Step 39: Here you can look up the Git status command and press Enter.

```
git status  
On branch main  
nothing to commit, working tree clean
```

Step 40: Here you can copy the git status command to the clipboard.

```
git status  
On branch main  
nothing to commit, working tree clean
```

4. Creating a new branch and adding a new file

Step 41: Give "git branch newbranch" to create a new branch. And "git checkout newbranch" switch to that branch.

```
git branch newbranch  
git checkout newbranch
```

Step 42: Here you can create the new file "file.txt" and add it to the commit. Then use "git add file.txt"

command to add the file to the commit.

```
git add file.txt  
git commit -m "Add new file"
```

Step 43: Use "git status" to check the status.

```
git status  
On branch newbranch  
nothing to commit, working tree clean
```

Step 44: Here you can use "git log" to view the commit history.

```
git log  
commit 1234567890abcdef1234567890abcdef12345678  
Author: Your Name <your_email@example.com>  
Date: 2023-01-01 12:34:56  
# commit message
```

Step 4: `Terminal> git add -A` (to stage all content)

```
git add -A
git commit -m "Initial commit"
git push origin main
```

• Merging of branches

Step 6: Once you created your `feature` branch, you can make changes to the code.

Branch, and when done, merge it back to `main`.

```
git checkout main
git merge feature
git push origin main
```

• Cloning a repository from GitHub to GitHub terminal

Step 7: Clone any repository to your GitHub account and click on `Code`. Then copy the URL.

Location: `your-repo-name`



The image shows a GitHub repository page on the left and a terminal window on the right. In the GitHub interface, the 'Code' button is highlighted with a red box, and the 'Copy to clipboard' icon is also highlighted. The terminal window shows the command `git clone https://github.com/your-repo-name.git` and its output, which includes the repository name and the path to the cloned directory.

• Working in GitHub

GitHub, GitHub, Inc. is a platform and cloud-based service for software development and version control using Git, allowing developers to store and manage their work.

Create GitHub (Similar To Git) account and configure the repository

Step 1: Go to `github.com` search for a website. Then sign in, your GitHub account. We click on

New Content repository

Name

Description

URL

Access type

Permissions

Advanced

Settings

Create repository

Step 2: Fill in name to your repository & make description. Then click on 'Add a CLAIM file' and click on 'Create repository'.

Add a CLAIM file

Name

Description

URL

Access type

Permissions

Advanced

Settings

Create repository

Step 3: Click on 'Add file' and select 'Create new file' to create a new file for the repository.



Step 4: Click a group in the list and select the **Permissions** tab and then click on **Attach permissions**.



Step 5: Add the needed permissions and click on **Attach permissions**.



Step 6: Click on the **Attach permissions** button.



• Viewing Amazon control instance

Step 7: Now click on "View a screenshot" in home page & choose a screenshot from the console.



Step 8: Give a name to your screenshot and enter some description & upload your screenshot and also attach screenshot to the console. Then press the 'Publish' button.



Step 9: Now you can clearly see the Amazon screenshot & the screenshot has been



Step 18: Click Settings - Collaborate with people



Step 19: Click another link to see how to connect with your people



Step 20: See the collaborator how to accept the invitation

in form of high application usage and then scale down to reduce costs when there is low traffic.

• Create and setup a virtual machine

Step 1: Go to web browser and search for AWS console and click on that website provided option to a new AWS account by going all the website as required

Step 2: After creating an account, click on "Get started here now" option



Step 3: Now click on "Sign In" and enter the "Access ID" & "password" which is required with Internet Explorer and then click on "Sign In"



Step 4: In the AWS IAM tab, scroll down and click on "create a virtual machine"



Step 5: Create new federated



Step 6: Navigate to the 'Users' section



Step 7: Navigate to the 'Users' section



Step 11: Select the log file associated with the error...



Step 12: Review the log file...



Step 13: The file is identified as the source of the error...



Step 14: Now click on 'Add Users to Group' and open the list you select we already included it which is 'AmazonECSContainerInstancesRoleGroup'



Step 15: Now open the list to select the user.



Step 16: Now open the 'AmazonECSContainerInstancesRoleGroup' which we already included.



Step 17: Click on Firewall



Step 18: Now give the password which was copied in step 5 and 6 to activate



Step 11: Click on Yes



Step 12: Now the Virtual machine will be created successfully



View: Subscription to be activated.



B. Create a simple Web application using Cloud Services

Step 21: Now click on the T-shirt icon that was registered to AWS account. Then click on the link to go to the application page and make a new T-shirt.



Step 22: Click on 'T-shirt'



Step 23: Now go back to the AWS IAM console and click on the 'T-shirt' group.



Step 26: Select 'Calendar' as the first web app. And click on 'Continue'.



Step 27: From below 'Calendar' App, Apply the method.



Step 26: Click on the 'Add package dependency' button.



Step 27: Click on the 'Add package dependency' button.



Step 20: Name must be between 3 and 30 characters long.



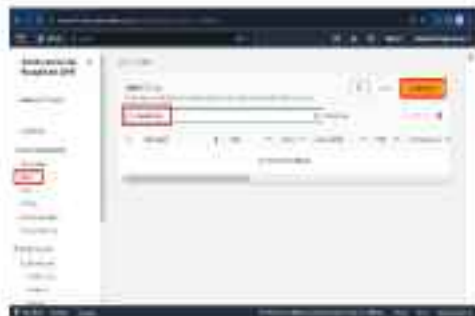
Step 20: Check for Success Message!



Step 30: With all the details, Publish policy permissions. And in the next app, click on the button to create a role.



Step 31: Now we can see the role is created and is ready to use.



Step 34: Inserted Test credentials as IAM user



Step 35: Set Access key pair as test user



Step 36: Enter Name



Step 37: Select the type of project



Step 38: Selecting the IAM role and permissions



Step 39: Click on the 'Next' button to proceed to the 'Review' page



Step 4: You can also change your old password and set a new password and then click on 'Confirm and change'.



3. Create a build pipeline for simple web application such as To-do app, BMI calculator, Number counter, Word Count etc.

Step 1: Go to the Web browser and enter the build tool Jenkins url and login as per email and password.

Step 2: <https://jenkins.io/doc/get-started/> . Click on new item and create a new project named "WebApp".



Step 3. On the last page, write your description and click through the build steps



Step 4. Select 'Attach managed policies' and click 'Next'



Step 5: Add notes to command and click on Save



Step 6: Now go back to dashboard and run xxxxxx (sample project named Sample wvff)





Step 7: Give some description to make the Build Trigger tab. Save Build after other projects are built and select permission set created i.e. 'World'.



Step 8: Continue these steps for creating another three Jenkins projects.

Step 9: After the creation of all four projects, Go back to dashboard and click Manage Jenkins.



Step 10: Go to Plugins



Step 11: Click on Available Plugins and go to the content plugin. Select the plugin if it is active.



Step 12: Now Go to the Joomla! administrator and click on the Joomla!



Step 13. On the next page, give a name to the pipeline and select a Build Pipeline Type and Click OK.

Create



Step 14. Now add the build job and click on the Initial Job Section.



Step 15: Select the build to be **unpublished**.



Step 16: Scroll down to **Display Section Table** and Select the **unpublish build** button.



Step 17: Click on **Trigger a Pipeline or View the Pipeline**.



Step 18: This run causes the pipeline **Execution** of all the jobs.



Step 04. All the information jobs are Glue jobs, including the glue, including the glue and the glue. Now click on the 'Job' tab.

Example Output to view the build results.



WEEK - 4

1. HTML, CSS and Java Script Fundamentals (Code structure - comments, comments, variables, constants, data types, indentation, operators, comparisons, control flow, functions)

Adding HTML with JavaScript



Adding CSS



3. Setting up the Environment and tools for Front End Development

• Installation of VS Code

Step 1: Go to Web Browser and search for VS Code. Then click on the first link.



Step 2: Click on Download for Windows.



Step 3: Click on the first option to accept the agreement & click on 'Next'.



Step 4: Click the 'OK' button and click on 'Next'.



Step 5: Select a file name and click on 'Next'.



Step 6: Click the 'OK' button and click on 'Next'.



Step 4: Go to File menu > Right click > New > Folder > Folder name.



Step 5: Launch VS Code > click on File > Open Folder > Select the newly created folder.

• VS Code extension

Step 6: Click on Extensions icon and type for 'Live Server'. Download & Install is visible for select.





Step 2: Now we install `ggplot2`. As we did before, the package dependencies

Step 1: $\text{flow rate} = \frac{\text{total type 1 events}}{T} \approx \frac{\text{total type 2 events}}{T}$ 

Step 7. Then enter your install -> Set server to install the Live Server



David C. Edgar, *University of North Carolina*



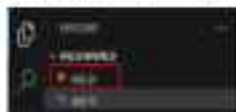
Step 4: Connect your setup. Fold in the flaps to the binding to open that flaps in the FTS-20k. Then connect your 20k to the power source & enter the below code.



Step 10: Go back to the Terminal, and run 'VS app.js'



Step 11: The new command is the called 'app.js' has been generated by the TypeScript Compiler.



Step 12: The file created 'web app.js' is not the file



• Usage of TypeScript & how to create a file in a project

Step 13: The new command is the called 'app.js' has been generated by the TypeScript Compiler.



Step 11: The code changes in the 'app.js' file is done below



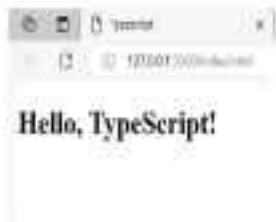
Step 12: Later we need to test the compiler



Step 13: Now go to browser file ; Right click on it ; Select Open with Live Server



Output



1. Runnable can be used to learn and implement program constructs.
- A. Logarithm

```

1 # Import pandas as pd
2
3 # Import data from excel
4 data = pd.read_excel('data.xlsx')
5
6 # Print out data
7 print(data)
8
9 # Print out column names
10 print(data.columns)
11
12 # Print out first 5 rows
13 print(data.head())
14
15 # Print out last 5 rows
16 print(data.tail())
17
18 # Print out rows with missing values
19 print(data.isnull().sum())
20
21 # Print out rows with no missing values
22 print(data.dropna())
23
24 # Print out rows with no missing values
25 print(data.dropna(inplace=True))
26
27 # Print out rows with no missing values
28 print(data.dropna(inplace=True))
29
30 # Print out rows with no missing values
31 print(data.dropna(inplace=True))
32
33 # Print out rows with no missing values
34 print(data.dropna(inplace=True))
35
36 # Print out rows with no missing values
37 print(data.dropna(inplace=True))
38
39 # Print out rows with no missing values
40 print(data.dropna(inplace=True))
41
42 # Print out rows with no missing values
43 print(data.dropna(inplace=True))
44
45 # Print out rows with no missing values
46 print(data.dropna(inplace=True))
47
48 # Print out rows with no missing values
49 print(data.dropna(inplace=True))
50
51 # Print out rows with no missing values
52 print(data.dropna(inplace=True))
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54 # Print out rows with no missing values
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57 # Print out rows with no missing values
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60 # Print out rows with no missing values
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63 # Print out rows with no missing values
64 print(data.dropna(inplace=True))
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66 # Print out rows with no missing values
67 print(data.dropna(inplace=True))
68
69 # Print out rows with no missing values
70 print(data.dropna(inplace=True))
71
72 # Print out rows with no missing values
73 print(data.dropna(inplace=True))
74
75 # Print out rows with no missing values
76 print(data.dropna(inplace=True))
77
78 # Print out rows with no missing values
79 print(data.dropna(inplace=True))
80
81 # Print out rows with no missing values
82 print(data.dropna(inplace=True))
83
84 # Print out rows with no missing values
85 print(data.dropna(inplace=True))
86
87 # Print out rows with no missing values
88 print(data.dropna(inplace=True))
89
90 # Print out rows with no missing values
91 print(data.dropna(inplace=True))
92
93 # Print out rows with no missing values
94 print(data.dropna(inplace=True))
95
96 # Print out rows with no missing values
97 print(data.dropna(inplace=True))
98
99 # Print out rows with no missing values
100 print(data.dropna(inplace=True))

```

R. Leitch

[illegible]

4.1.1. Leptospira



Output

Please take some screenshots while setting it up.

Additional Functions

4. Creating a repository in Github and cloning the repository to VS code.

Step 1: I went an empty folder in the Desktop and open that folder via VS Code. Then create a new file named 'index.html' & add some code to it.



Step 2: Go to Extensions -> Github Repository



Step 3: Note (2) on 'Account'.



Step 4: Note a comment on 'Account' & Step 5.



Step 2: Transcribe the Political Process



Step 4. Post your answers to your Canvas account at 11:59 pm. (50%)

Step 7: Start with the *Asplenium* + *Vallisneria* Code!



Step 3: Select 'Push to GitHub public repository'.



Step 4: Click on 'Sign in to GitHub'.



Step 5: Ensure you're only allowed 'push' permission.



Step 11: The next to create rule is as:



• **Synchronizing Changes to the rule**

Step 12: To make changes to your rule & click on 'Create'.



Step 13: Type in a name 'new rule' & save it.



Step 14: Click on 'New Change'.



Step 15: The debugger is running (Step 15/16)



- Clicking on **run** reproduces the VS Code UI Ctrl+R

Step 16: Clicking on **run** reproduces the VS Code UI Ctrl+R



Step 17: Now click on **run** (Ctrl+R)



Step 15. Select a representative value for α .



Fig. 19. Two-year cumulative exposure to vinyl chloride (VCL) by cohort.



ReptDB (28,29,37) is selected for slightly manual repository in deploying the simple HelloWorld Java program as shown below.



1. <https://doi.org/10.1002/for>

- Further structure the Export stage

Fig. 6. The first normal wave packet ψ_1 in case A and B. A: ψ_1 is the first normal wave packet in case A. B: ψ_1 is the first normal wave packet in case B.

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 395–401

Step 7: Insert the command `set aspect ratio` to change the writing density.

© 2005 The Author
Journal compilation © 2005 Blackwell Publishing Ltd

[illegible]

Labeling of trees in a new

Visit www.fox.com to watch FOX.com.

```
C:\Users\ADMIN~1\Desktop>cd C:\Program Files\Foxit Software\Foxit Reader
C:\Program Files\Foxit Software\Foxit Reader>start "" %*
C:\Program Files\Foxit Software\Foxit Reader>
```

Abstract



Creating your own change is the only





2. React Components

Functional Components: Functional components are simply javascript function. We can create a functional component by specifying a javascript function. These function take or return/return data as parameter. The functional component is also known as reusable component because they are not taking any prop.





Hi, I am a Car!

Class Component: A class component is like a regular class. It has a constructor that is called when the component is created. The class component is also known as a **stateful component** because it can hold state.

```
import React, { useState } from 'react';
import './styles.css';

function App() {
  const [name, setName] = useState('');

  return (
    <div>
      <input type="text" value={name} />
      <button value="Submit" />
    </div>
  );
}

export default App;
```



React Props Props is short for properties and they are used to pass data between React components. Every <div> that contains components is an <App> component (this is a child only).



React States React has a state object called state which stores component's values and manages their own data. In a state props, we generally cannot pass data with state, but they are mutable and change it internally.



I'm from Karnataka State

Render a List in React with Keys In the following example, we make a list of items for certain Companies and render respective id. We are using the `map()` method of JavaScript. This is a common way and more suitable to pass key prop. Keys are used in React to give our items to update a list, or, it helps, updating or deleting an item in a list.



1. Testing React App using Jest

Step 1: Create a new react app using create-react-app using:

Step 1: Create a new react app using create-react-app using:



Right-click on the 'index.js' file and select 'Run'.



Step 2: Now open the `run.py` file in the folder and do the below changes as shown below.



Step 3: Then go to Terminal > New Terminal > Select C++ and Press it to give the command below & you can see the output as follows.



NOTE:



That's it your simple C++ application.



Decrement Value



Increment Value



4. Testing single page applications (If you're not in the test using Postman)

Step 1: Install the test runner for Jest: `npm install -g jest`

Step 2: Create a new test file: `create-react-app test`

Step 3: Run the test runner: `jest --watch` (or `jest --watchAll`) and watch the test results





Step 2: Download a new file named 'app.js' to the 'src' folder inside your application's 'src' folder.



Step 3: Download a new file named 'index.js' to the 'src' folder inside your application's 'src' folder.



Output:

URL:

2011-10-26 10:00:00

User Registration

URL:

2011-10-26 10:00:00

User Registration

User **John** successfully registered!

WEEK - 6

1. Implement authentication using react router.

Components in React Router

There are two types of router components

- **BrowserRouter**: It is used for handling the dynamic URL.
- **HashRouter**: It is used for handling the static request.

Step 1: Open the VS Code and launch the React on the local server.

• Add React Router:

To add React Router in your application, run this command `npm i -D react-router-dom` in the terminal from the root directory of the application. | Go to Terminal | Press Terminal | Command Prompt

Step 2: Open the folder for the VS Code and in the `src` folder, create a new folder named `Pages`.

Step 3: Now inside the `Pages` folder, create the new files named `"Signup.js"`, `contact.js`, `home.js`, `Navbar.js` & `Footer.js` as shown below:



Step 4: Terminal will install the `npm i -D` the a structure:



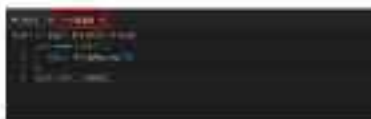
Step 5: Now all code is 'wrapped' inside a 'page' application.



Step 6: With the introduction of 'page' the code is 'wrapped'.



Step 7: With the introduction of 'page' the code is 'wrapped'.





2. React Hooks demonstrating useState, useEffect, useLayoutEffect, useContext, useReducer

React Hooks: Hooks function as Hooks are the new feature introduced in the React 16.8 version. It allows you to use state and other React features without writing a class.

• Types of Hooks in React

1. **useState** - The `useState` Hook allows us to track state via function components. It is generally used to store a value or properties that we're interacting with in an application. It is used to create a stateful component.

Syntax: `import { useState } from 'react';`

2. **useEffect** - The `useEffect` Hook allows you to perform side effects in your components. Some examples of side effects are fetching data, directly updating the DOM, or starting a subscription. The second argument is optional.

Syntax: `useEffect(callback, dependencies)`

3. **useContext** - `useContext` is a way to manage state globally. It can be used together with the `useState` Hook to share state between deeply nested components, more easily than with `props` alone. To create context, you can import `createContext` and `useContext`.

Syntax: `const myValue = createContext(MyContext);`

4. **useReducer** - The `useReducer` Hook is another stateful Hook. It allows to create state logic. The `useReducer` Hook accepts two arguments.

Syntax: `useReducer(reducer, initialState)`

Step 1: Clone the TS Code and launch the React on the local server.

Step 2: To run the front-end code, create the files `frontend.js`, `frontend.js`, `maincontent.js`, `maincontent.js` or `maincontent.js` in the `src` folder.



• Example of the code

Step 3: Write the code in the `App.js` file in the `src` folder.



Step 4: To run the code, write the code in the `maincontent.js` file in the `src` folder.



```
➤ # Create a new role named 'weaver' with the 'weaver' policy
➤ # Create a new role named 'weaver' with the 'weaver' policy
```

➤ # Create a new role named 'weaver' with the 'weaver' policy

➤ # Create a new role named 'weaver' with the 'weaver' policy

```
➤ # Create a new role named 'weaver' with the 'weaver' policy
➤ # Create a new role named 'weaver' with the 'weaver' policy
```

➤ # Create a new role named 'weaver' with the 'weaver' policy

➤ # Create a new role named 'weaver' with the 'weaver' policy

• Example of User Role

Step 1: Write the role in the 'weaver' policy file in the 'weaver' folder

```
➤ # Create a new role named 'weaver' with the 'weaver' policy
➤ # Create a new role named 'weaver' with the 'weaver' policy
```

Step 2: Assign role to 'weaver' policy in the 'weaver' folder

```
➤ # Create a new role named 'weaver' with the 'weaver' policy
➤ # Create a new role named 'weaver' with the 'weaver' policy
```

0:00



libcurl4-openssl-dev

libcurl4-openssl-dev



libssl-dev

libssl-dev

• Example of libCurl

Step 7: Make the test program for the 'libcurl' library.



Step 8: Compile the test program for the 'libcurl' library.





Output:



```

$ npm -v
9.4.1

```

• Example of Unification:

Step 1: Write the below code in the "app.js" file inside the "src" folder.



Step 2: Execute code in the "main.js" file inside the "src" folder.



Output:



1. Build simple react applications - Shesqiang.com

Step 1: Open the VS Code and launch the React in the local server.

• React folder structure:

Setup



4. Setting up the environment and tools to install Java latest stable version and add environment variable to it.

JAVA: Java is a high-level, class-based, object-oriented programming language that is designed to have as few implementation dependencies as possible. It is a general-purpose programming language suitable for programmers who create, run anywhere (WORA), meaning that compiled Java code can run on all platforms that support Java without the need to recompile.

Installation of Java on Windows

Step 1: Go to Web browser → Search Java → Click on the link here



Step 2: Now click on 'Download Java'.



Step 3 If error is displayed for either connection, the 64-bit version of the connector is not installed. You click on 'Download Java'.



Step 4 After the installation is over, click on 'Next'.



Step 5: Visit and the condition is complete!



Step 6: Click on 'view'.



• Setting up of Java on your Variable for Java

Note: To run Java program, make sure to set up the Environment variables for Java on your machine correctly.

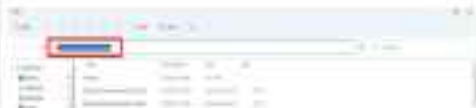
Step 1: After the installation of Java, go to This PC → C drive → Program files → Java → jdk1.8 as shown below.



Step 2: New click on New Folder.



Step 3: Then copy the copy for the location here.



Step 4: Go to desktop with bar... then click on desktop Variables & click on type.



Step 5: Now click on "Customize Variables" icon.



Step 6: Under 'Format' window, select 'Full format' & click on 'OK'.



Step 7: Click on 'OK'.



Step 6: Turn on the checkbox with the option (step 5)



Step 8: Use Ctrl and Shift to check whether the Java Programs running or not

Give the command as 'java -version' to check the Version and what details is displayed as



Step 9: Now again enter the command as 'java -v' to check the version of Java compiler in your Machine.



1. Install DEBMS (MySQL, PostgreSQL, or any other tool)

MySQL: MySQL is an open-source relational database management system (RDBMS). SQL is a language for programming that is used to create, modify, and extract data from the relational database, as well as control and administer the database. It supports the most advanced features and facilities, making database integrity and consistent backups.

• Installation overview for MySQL

Step 1: Go to [MySQL website](#) , Search for MySQL , Click on Download/



Step 2: Click on MySQL Community (GPL) Download

4. Update Community Password

- Log into the application as user
- Go to the user management page
- Click on the user you want to update
- Click on the update button



Click on the update button

Step 6: Validating the test of connection



Installing the MySQL on both client & server side interfaces.

Step 7: Select 'Custom' to install MySQL



Step 8: Select the MSN products from **Available products**. Products to be installed appear with a **Yes**.



Step 9: Click on **Next**.



Step 10: Enter the product key or click on **Skip**.



Step 11: After the installation of the product is complete, click on **Next**.



Step 12: Click on **Next**.



Step 13: After the completion of the project, click on **Next**.



Step 11: Click on 'Add'.



Step 12: Click on 'Add' to change the status of work, then click on 'Add'.



Step 16: Click on "Next".



Step 17: Connection is passed for MySQL network driver to use.

Step 2: Click on "Name"



Step 3: Click on "Name"



Step 4: Click on "Name"



Step 23 Click on 'Test'.



Step 24 Verify that you have a new MySQL instance.



Step 25: Now enter your IP:5555, Server password will ask it click on OK.



Step 26: Here is your IP:5555, WinBox is ready to use.



Turn on WinBox server:

Step 1: Go to the Environment Variables for WinBox, server it enter the command `%systemroot%\system32\cmd.exe`. Now enter your password to use WinBox Server.



Step 2: Go to the WinBox server → give the command `%systemroot%\system32\cmd.exe` → it is check the current version of WinBox.

```
Microsoft Windows [root] root@ip-10-0-1-10
```

```
mysql> show databases;
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mysql |
| test |
+-----+
```

```
mysql> use mysql;
mysql> show databases;
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mysql |
| test |
+-----+
```

```
mysql> create database mydb;
mysql> use mydb;
mysql> show databases;
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mydb |
| mysql |
| test |
+-----+
```

Step 2 Now you try running `show databases;` to see the database that you created.

```
mysql> show databases;
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mydb |
| mysql |
| test |
+-----+

mysql> use mydb;
mysql> show databases;
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mydb |
| mysql |
| test |
+-----+
```

Step 3 The output shows `information_schema` to cover the information database.

```
Microsoft Windows [root] root@ip-10-0-1-10
```

```
mysql> show databases;
```

```
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mydb |
| mysql |
| test |
+-----+
```

```
mysql> use mydb;
```

```
mysql> show databases;
```

```
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mydb |
| mysql |
| test |
+-----+
```

```
mysql> create database mydb;
```

Step 4 Use the command `show databases;` to view the created database as shown below.

```
mysql> create database mydb;
mysql> use mydb;
mysql> show databases;
+-----+
| Database |
+-----+
| mysql |
| information_schema |
| mydb |
| mysql |
| test |
+-----+
```

Step 5 Again enter the command `show databases;` to view the created database as shown below.

```
#!/usr/bin/perl
```

```
use strict;
```

```
my $name =
```

```
if ($?) { echo "Success"
```

```
} else {
```

```
echo "Error: $?"
```

```
}
```

```
exit 0
```

WEEK - 7

1. Installation of Eclipse IDE for Enterprise Java and Web Developers latest version on Windows.

Step 1: Go to Web Browser : Search for 'Eclipse download' & click on the first link given



Step 2: Now click on 'Download IDE, 64-bit' option



Step 3: The IDE is Downloaded



Step 6: Select the IDE



Step 7: Wait until the installation is complete.



Step 6: Run the code.



Step 7: Now the Eclipse IDE is ready to run.



2. Create Spring application with Spring Initializr using Annotations like Spring Web, Spring Data JPA.

Step 1: Go to web browser & search "Spring Initializr" & click on the first link.



Step 2: View what the below options.



Step 3: Click on Project, Metadata section, press the button as 'Generate Project'.

Input/Outputs

Time:

Index:

Area:

Iteration:

Running time:

Progress: 0.00%

min: 0.00 0.00 = 0.00

Step 3: Then click on 'ADD EXPERIMENTAL...'

Experiment name

Step 4: Under the 'What' section select the type log 'What'.

What do you want to log?

☐ All

☒ What

☐ Error

☐ Log file

☐ Log file (with error)

☐ Log file (with error and log file)

☐ Log file (with error and log file and log file)

☐ Log file (with error and log file and log file and log file)

☐ Log file (with error and log file and log file and log file and log file)

☐ Log file (with error and log file and log file and log file and log file and log file)

Step 5: Now click on 'GENERATE' option.

Step 6: Click on the stop file downloaded.



Step 8: Now select the zip file which was downloaded.



Step 9: Go to the folder where the file is downloaded.



Step 11: Next launch the **Logistics ILL**, go to **File** → **Click on 'Export'** option...



Step 12: Download the Existing **Marsh Projects** with the **Marsh** **Link & Linker** **New?**



Step 13: Click on **Review** to specify the **Flow** **Diagram**.



Step 14 Verify where the location of the file where the type file was extracted.



Step 15 Verification Work.



Step 14 Run `mvn compile` + `springboot:run` + `springboot:package` (or `mvn package`)



Step 15 Download the JAR file from the link & save it.



Step 18: Now add `src/main/resources/application.properties` file. In this file, add the following properties: `spring.datasource.url=jdbc:mysql://localhost:3306/springboot` and `spring.datasource.username=root`. Save the file.

Output:



Step 19: Go to `Step 18` of the previous step and click on the 'Run' button to run the application.



Fig. 10. Screenshot for spring boot web & mail for Spring Tool Suite Spring Boot IDE & JPA (JPA) interface



Fig. 11. Screenshot of a Spring Boot IDE interface showing a project structure with a 'src/main/resources' directory highlighted in red.



Fig. 12. Screenshot of a Spring Boot IDE interface showing a project structure with a 'src/main/resources' directory highlighted in red.

WEEK 8

1. How to create EC2 VMs within a Virtual Private Cloud

Step 1: Use a Web Browser -> search for "Amazon" -> select the second option below



Step 2: Then click on 'AWS IAM' option is displayed for customer ID.



Step 3: You can simply sign in your account by using your Email-id and Password here.



Step 4: If you don't have an account, click on "Create PostSAS account" by going your Email to: PostSAS@PostSAS.com. Through our website you account will.



Step 5: This is your POSTSAS workspace



- Test created APIs with the help of Postman

HTTP Methods

- **HTTP GET** - The GET request is used to retrieve information from the server. And to verify if it's working. An GET request is not change the resource. Once done should be successful.
- **HTTP POST** - The POST API to create new resource. e.g., when you login to a library website, it's a post request to add your data.
- **HTTP PUT** - The PUT API partially to update an existing resource. If the resource does not exist, the API may do it for you. e.g., when you update a record.
- **HTTP DELETE** - As the name implies, DELETE API delete the resource identified by the request. e.g., when you delete an item from a cart. If you delete a resource, it's removed from the collection of resource.

Step 1: Now click on 'Create Collection' icon



Step 2: Assign IAM Group to Cross & Collobot.



Step 3: Give a name to your role back click on Cross' option in distribution.



Step 4: Submit the form



Step 5: Click on the 'Submit' button



Step 6: You will see 'GET' and 'POST' methods in the address bar



Step 7: You go to → Users → Add new users → Search & Select



Step 8: Then check the request status bar. If the status is DENY, means the request has been rejected by the Cognito.



Step 9: You might also see a red box around the word "My Documents".



Step 10: The word "My Documents" is highlighted.



Step 11: Now the TEST - Run results report is displayed as shown below



Step 12: Now select 'groups' tab and verify validation.



Step 13: Now select 'test' and click on the 'HTTP' link and data below it. Run p12 → Test →

Enter the below code -> Save it & Send



Now perform the same procedure for other two HTTP methods as listed below.

Step 14: Now select 'PUT' method & click on the HTTP link as shown below & then go to -> Tools ->

Enter the below code -> Save it & Send



Step 15: Now select 'DELETE' method & click on the HTTP link as shown below & then go to -> Tools ->

Enter the below code -> Save it & Send



Step 10: Run the TEST - Run manually or press the Run button.



2. Create BUSY controller for CHILL openflow Userplane Switch (BUSY APB)

Step 1: Open the file 'BUSY' for Userplane switch in the 'src' folder → 'src' → 'UserplaneSwitch' → 'BUSY'.



Hình 2. Chọn cài đặt tiếng nói của Windows để cài đặt phần mềm.



Confidence interval: Series Fitted as Poisson count data

Step 3: 4 for the remainder as complete, $g_{\text{res}} = T_{\text{D}} + T_{\text{H}} + T_{\text{O}} + T_{\text{R}}$ option as shown below.

Step 4: Make a list of people who are involved in the project.



Step 5: Click the 'Next' button → select 'Main' → Description is User Registration/Logging Form Application → Package is com.example.myapp → then click the 'Next'.



Step 6: Then add all the required dependencies in the build.gradle file.



Setting NUnit - creating NUnit runner

- Create a new solution project and namespace
- Create a new application (main logic)
- Implement logic (communication with DB)

Step 7: Download the web client - New - Package



Step 8: Configure package name 'com.example.mycontroller' & click on 'Next'.



Step 9: Configure package name 'com.example.myactivity' & click on 'Next'.



Step 10: Configure package name 'com.example.myrepository' & click on 'Next'.



Step 12: Now right click on the 'New Group' icon in the 'Groups' pane and click 'New'. Click 'New' button in the 'New Group' dialog box and click 'OK'.



Step 12: Now right click on the 'New Group' icon in the 'Groups' pane and click 'New'. Click 'New' button in the 'New Group' dialog box and click 'OK'.



Step 13: Next click on the "New Package and Repository" package. Then, click on the "Next" button to create the "New Package and Repository" package.



Step 14: All the created packages and tests are displayed here.



Step 15: Now add the UseControlFlags bit as shown below



Step 16: Now add the UseControlFlags bit as shown below



Step 17: Now add code to `GameOverScreen` as shown below



Step 18: Now go to 'src/main/resources' > 'HelloWorldApplication.properties' file and



Step 19: Now add code to `application.properties` as shown below



Step 2: Now add code in `UserApplication.java` and the code is as follows for user input and output.



Step 3: Go to `src/main/java`, right click on the `UserApplication.java` : Run as : Java application.



Step 4: Now the server is running successfully.



Step 25: Give a name to your connection as 'MyConnection' _ select the location as 'localhost' _ select the default platform as 'mysql' _ give the path as 'c:\mysql\bin\mysql.exe' _ click on 'Test connection'.



Step 26: The server is connected - which also means that installing the MySQL Workbench is done as it's a free trial or 'Free version'.



Step 2: Now click on 'OK' option as shown below.



• Creation of simple table.

Step 26: Now enter the values and create a simple table as shown below.

Note: To create table, select table with the separately & press ctrl + shift + enter key to view the table.



- Performing CPU temperature using Precision Sensor for the

Step 28: Login to the Precision & click on 'Create collection' link



Step 29: Login click on 'Create dashboard' link



Step 30: Click a sensor in your collection & click on 'Create' option here



Step 2: Test ID (on user)



Step 3: Select 'TEST' and click on the 'Add group' button. Select 'TEST' and click on the 'Add group' button.



Step 21: Select root as role.

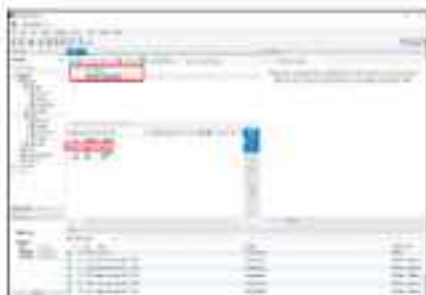


Step 22: The console is changed to 'root@root' and the role is created. The role is named 'root@root'.



Step 35: Verify the configuration. Workload is now distributed across all servers. To see the results, select the 'Performance' tab in the left sidebar and click on the 'Performance' link in the top right corner.

Note: Ensure the 'Performance' tab is selected in the left sidebar.



Step 36: Select the 'Performance' tab in the left sidebar and click on the 'Performance' link in the top right corner. To see the results, select the 'Performance' tab in the left sidebar and click on the 'Performance' link in the top right corner.



Step 38: Now go to U397, Wallboard A and the 6th row and a 4th column. To make the cable color each module separately it goes **red - blue - green** to the 6th row.

Step 39: Now the PTT module is replaced successfully.



Step 40: Go to U41, L16, port 16, then enter the command with the ID to specify the location of the module. **Test type: (SIN) - enter the value with a standard value - 0.5**



Step 2: View a book in the Controller page. See additional notes.





Step 1: Select main class in **Main Class** field in **Application Properties**



Step 2: Set **Application Name** in **Application Name** field in **Application Properties**



Step 3: Set **Application Name** in **Application Name** field in **Application Properties**



Step 4: Go to **Application Properties** -> **Application Properties** -> **Application Properties**

The server's output is visible



Next, I can see the output by viewing the account as "view database output" in the browser.



Next, I can see the output by viewing the account as "view database output" in the browser. I can see the output by clicking on the "view database output" link.

Step 3: I can see the output by viewing the account as "view database output" in the browser. I can see the output by clicking on the "view database output" link.



Step 10: Show the path in the network.

Step 11: Show the path, select each node for sequence & press the **ctrl + enter** key to see the output.



Step 12: Select **POST** method & enter the appropriate **URL** & **headers** & **body**.

Body & headers - **URL** & **headers** & **body** & **body**.



Step 12: Save the configuration. Verify that the configuration is saved correctly. Then, click on the "Apply" button to apply the configuration. The system will restart the firewall service to apply the changes.

Step 13: Use the IPsec policy to protect the traffic.



Step 14: Save the configuration. Verify that the configuration is saved correctly. Then, click on the "Apply" button to apply the configuration. The system will restart the firewall service to apply the changes.



Fig. 12. Design of MPX. Workfront & center holes connected by four holes. Three holes also include the capacity to join (21-040) even better to open the system.

More than 100,000 people have been affected by the crisis.

Sup. Eff. is overall PHT reduction. ST and ST+T are the PHT reduction.

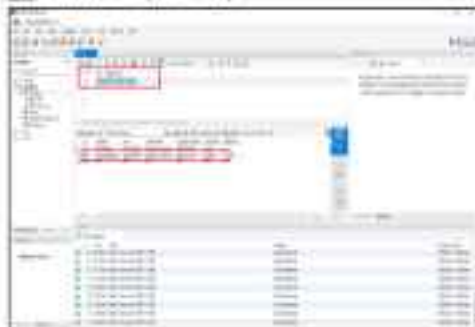


Fig. 12. Select **FTT** column → enter the command **add if specified as Available** **MSQ** **msq** **W** → **store data** → select **Body** → **test type** **MSM** → enter the information → **save it** → **load**.



Step 10: Keep on the CLI. Walk through the entire command set that is shown. To see the code, what will be the output of the command? (You can also use the command set to see the output.)

Step 11: Use the CLI to confirm the output of the command.



Step 12: Use the CLI to confirm the output of the command. (You can also use the command set to see the output.)



Step 10: Select the [P] button in the interface to view the packet details. From the details, select the packet that contains the [P] button and click the [P] button to view the packet details.

Step 11: The [P] button is displayed in the interface.



WEEK - 9

1. Build user authentication flow and authorization using Spring Security

Step 1: Open to <https://spring.io/projects/spring-security> & go to > Docs > 5.3.10. Make sure it is same below.
Then search for 'Spring security' & click on 'Tutorial' to install the latest version. After the installation is complete, go to > File > New > Other option as shown below.



Step 2: Select the Spring Starter Project & click on 'Next' option.



Step 3: Give the Name as 'user' - select the user - Description & Use Spring Authorization Code
application -> Package as 'spring.auth.user' & then click on 'Next'.



Step 3: New a full receipt appointment as a first delivery did in Year:



Step 4: Click on any package used on receipt, comments & click at 'Save'.



Step 5: Save receipt on receipt sheet & click at 'Save'.



Step 7: Add the package to the project and click on 'OK'.



Step 8: Now click on 'OK' to install the package and the package will be installed.



Step 9: Now click on 'OK' to install the package and the package will be installed.



Step 10: Now click on 'OK' to install the package and the package will be installed.



Step 11: Run the server on the below



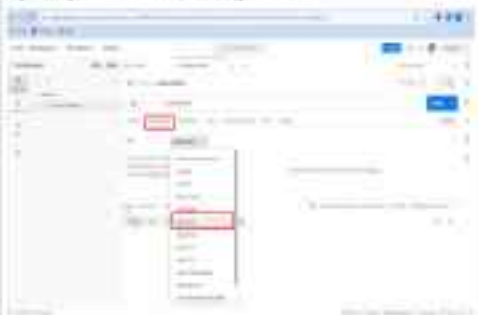
Step 12: Now login to the Platform & create your collection as shown below



Step 13: Select the collection name 'mycollection'. Now give it the following URL. The URL deployed here is substituted to make sure all the information is provided.



Step 1.1. Now go to 'Add user' and select the type as 'New user'.



Step 1.5. Now user Features & Permissions is named below. Then Save & click on 'Get new access keys'.



• **Implementing I/O for the above Security API**

Step 11: Follow the same pattern as above from step 1.

Note: Create the package & class as shown below. Run all code as per below from step 1.



Step 12: Run all code as per below from step 1.



Step 13: Run the code as per below from step 1.



Step 13: Verify output file status.



Step 14: The job has completed successfully.

Note: The green status indicates the job has completed successfully. As well as red status indicates the job has failed or is in progress.



2. Writing Unit test cases for CPUID operation

Step 1: Go to [this link](#) , search for "cpuid" , select the first link (available)



Step 2: Click on the first & first option



Step 3: Now click on "cpuid" button



Step 4: Copy address of "cpuid" button domain

044020000-1 (A, I)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

Fig. 2. The model "Development of the 3D grid structure" by "Simulation of the 3D grid structure" (see text for details).

[illegible]

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Step 6: Create a new rule: **Block Remote Administration**



Step 7: Select the rule profile: **Block Remote Administration**



Step 8: Select the rule profile: **Block Remote Administration**



Step 11: Here you can configure the MySQL Control Panel Data



Step 12: Give MySQL Workbench and other tools permission using Privileges as well as MySQL options.



Step 13: Follow the same procedure followed in Step 12 options are set to the cluster control.



Step 10: Implementing a "List" interface.



Step 11: Implementing a "Queue" interface.



1. Installation of Microsoft Dynamics 365

Step 1: Go to the website: <https://dynamics.microsoft.com/> ; click on the 'Get Dynamics 365' button



Step 2: Click on 'Get Dynamics 365'



Step 1: Download the root user credentials for the downloaded file.



Step 2: Go to the console, search for 'root' and click on the first link to see the details of the root user.



Step 4: Go to ribbonbar ... search for 'Microsoft Dynamics 365' ... click on 'New' button to create a new record



Step 5: Follow the steps to create a new record and click on 'Save' button



Step 6: Click the checkbox checkbox box.



Step 7: Click the checkbox box.



Step 8: Click the checkbox box.



Step 1: Clicking Yes



Step 2: Clicking on Next



Step 3: Clicking on Yes



Step 12: File read the installation is complete



Step 13: Microsoft Copilot is installed



Step 14: Check the Windows Store...



Fig. 1. Change in population share, 15-yearly average. *Expected* (grey) – zero rate of growth; *Actual* and *average* – observed

- The largest source of income comes from sales
- For largest source of the total revenue
- The Microsoft company has the highest profit and the

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See www.resolution-usa.org/analysis/beliefs.html for all the findings covered.

Keywords: *bullying, self-esteem, social skills, social support, self-efficacy, self-esteem*



Step 17: How much horizontal component, $\vec{v}_{\text{horizontal}}$, does it get? (Click on "Class" to connect with the bucket line.)

Week-11

3. Create and Use Antivirus

StoppelID uses `findname_name` to search for a filename. The command will create a new filename if it does not exist, otherwise it will return the existing filename.

1991-1992

—*from "Madhouse Summer"*

Example 1 *For each time t in the following order:*

Abstract

- * To check your credit status, visit www.faircredit.org

1

- * Your linked LinkedIn profile is not present or full. To display statistics, you need to have at least one document on file.

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```

void MyDevice::Poll()
{
    int i;
    while (i < 10)
    {
        // ...
        i++;
    }
}

```

2. Command Line Utilities

WiredTiger's `dump` utility prints out a collection's contents:

USAGE

`wt dump <collection-name> [options]`

WiredTiger's `dump` utility prints out a collection's contents. It takes the following options:

```

-w, --write <file>           Write to file instead of stdout
-o, --output <file>          Write to file instead of stdout
-s, --sort <key|value|both>  Sort by key, value, or both
-k, --key <key>              Key to search for
-v, --value <value>          Value to search for
-l, --limit <count>          Limit the number of records to dump
-p, --page <page>           Dump a specific page

```

WiredTiger's `dump` utility is a command-line utility to dump a collection's contents.

USAGE

`wt dump <collection-name> [options]`

WiredTiger's `dump` utility is a command-line utility to dump a collection's contents. It takes the following options:

```

-w, --write <file>           Write to file instead of stdout
-o, --output <file>          Write to file instead of stdout
-s, --sort <key|value|both>  Sort by key, value, or both
-k, --key <key>              Key to search for
-v, --value <value>          Value to search for
-l, --limit <count>          Limit the number of records to dump
-p, --page <page>           Dump a specific page

```

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Step 1: Type language which will identify content to your default browser (e.g. Safari) → Type **describe** → Click on **describe** button with **name** field → It creates a subcollection with type **"describe"** → Then you can insert to **"describe"** to check the created database is successful.



© Maastricht University 2015

In May 1970, the collection heavily suffered and is still at least two-thirds incomplete.

Note: Files 1-60 downloaded from Internet Archive.com at 9/28/2017 10:46:13 AM



1. we'll do a `print` over the constant `0` (`0` is `0`), and the constant `1` (`1` is `1`)
 2. we'll do a `print` over the constant `0` (`0` is `0`), and the constant `1` (`1` is `1`)



- MongoDB insert multiple documents. If you want to insert multiple documents in a collection, you have to pass an array of documents to the `insert()` method.

• Create an array of documents

Define a variable named `documents` and assign it an array of documents.

```
var documents = [
  {
    name: 'John',
    age: 30,
    gender: 'male',
    address: '123 Main St'
  },
  {
    name: 'Jane',
    age: 25,
    gender: 'female',
    address: '456 Elm St'
  },
  {
    name: 'Bob',
    age: 35,
    gender: 'male',
    address: '789 Oak St'
  }
];
```

• Insert the documents

Use the `insert()` method to insert the documents into the collection.

Example:

```
var db = require('mongodb').MongoClient;
var url = 'mongodb://localhost:27010/';
db.connect(url, function(err) {
  if (err) throw err;
  console.log('Connected to MongoDB');
});
```

To check whether the documents are successfully inserted or not, use the `show()` method.

db.Collection.findOne({name:'RTT'})

```
var db = require('mongodb'), uri = 'mongodb://localhost:27020', dbName = 'RTT';
var client = new MongoClient(uri);
var db = client.db(dbName);
var collection = db.collection('RTT');
collection.findOne({name:'RTT'}, function(err, doc) {
  console.log(doc);
});
```

MongoDB - Limit Results

To limit the results in MongoDB, you need to use **limit()** method. The method accepts two number type arguments, which are the number of documents that you want to be displayed.

Syntax: The basic syntax of limit() method is as follows:-

db.Collection.findOne({name:'RTT'}).limit(1)

```
var db = require('mongodb'), uri = 'mongodb://localhost:27020', dbName = 'RTT';
var client = new MongoClient(uri);
var db = client.db(dbName);
var collection = db.collection('RTT');
collection.findOne({name:'RTT'}, function(err, doc) {
  console.log(doc);
});
```

MongoDB Skip Method

Another method, that is known as **skip()** which also accepts number type arguments and is used to skip the number of documents.

Syntax: The basic syntax of skip() method is as follows:-

db.Collection.findOne({name:'RTT'}).skip(1)

```
var db = require('mongodb'), uri = 'mongodb://localhost:27020', dbName = 'RTT';
var client = new MongoClient(uri);
var db = client.db(dbName);
var collection = db.collection('RTT');
collection.findOne({name:'RTT'}, function(err, doc) {
  console.log(doc);
});
```

4. How to Run MongoDB on Cloud



1

George Melnyk & Mark A. B. Hume, ed. *Reviews*

The [book review](#) can be found [here](#).

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1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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Step 4: Select the following options & click on "OK" box



www.sagepub.com/hotline. I agree that the information will be given

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10/10/2006 10:00:00 AM

www.mindgarden.com

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Downloaded from <http://ajphaphysoc.org/> at University of California, San Diego on June 11, 2015

Laurenzini et al.

Source: <http://www.fishbase.org>

There is a significant positive correlation between the two variables.

100

with assistance of a specialist in the field.

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2000-01

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0000-0000-0000-0000

1000



Step 6: Now select 'My Account' and select 'yes' for 'Are you a UK user?'

The screenshot shows the 'My Account' page. At the top, there is a 'My Account' link highlighted with a red box. Below it, there is a section titled 'Are you a UK user?' with a 'Yes' button highlighted with a red box. To the right of this section, there is a 'My Account' link highlighted with a red box. Below this, there is a 'My Account' link highlighted with a red box. At the bottom, there is a 'My Account' link highlighted with a red box.

Step 7: Under 'My Account' select 'My Account' and select 'UK user'.

The screenshot shows the 'My Account' page. On the left, there is a sidebar with 'My Account' highlighted with a red box. In the main content area, there is a section titled 'Are you a UK user?' with a 'Yes' button highlighted with a red box. Below this, there is a 'My Account' link highlighted with a red box. At the bottom, there is a 'My Account' link highlighted with a red box.

Step 8: Now click on 'My Account' and select 'UK user' and 'Yes'.

Add services to new IP access rule

Only by finding your device you can add a rule to allow access to your device. By providing details below, you can add a rule to your device.

Device

Service

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

192.168.1.1

Congratulations on setting up access rules!

Now that you have successfully added a rule to your device, you can continue to add more rules to your device. **192.168.1.1** is the default IP address for your device.

192.168.1.1

192.168.1.1

Step 6: Now you can add or delete your created accounts and passwords.



Step 7: After adding your accounts and password, click on 'Update User' button.



Step 8: Select 'Database' & click on 'Connect' option.



Step 12: Submit a Databricks Cluster Job

Connect to Cluster ID



Submit to your application



Allow your data through tests



Go back

Next

Step 13: Submit a Databricks Cluster Job to your application

Step 14. Then give the password it should be "Cassio".



Step 15. Click on 'Save'.



Step 16. Create a new database with the same 'mongodb' & collection with the same 'Cassio', and click on 'Create Database' (DB).

Create Database

Database name:

Collection name:

Implications

By creating a database, you are creating a new namespace for your data. This means that you can now create collections within this namespace.

Additional preferences (e.g. number of shards, replication factor, etc.)

Cancel

Create database

Fig.11: MongoDB GUI 'Create Database' form.



Fig.12: MongoDB GUI 'test' database & 'test' collection.

Insert Document

Insert Document



Step 12: You need to insert a long document



Step 13: Click on "View Collection" Item.



Step 2: Organize the content as shown below.



Fig. 13. Schematic of the proposed system.



Health Alert: The U.S. Food and Drug Administration (FDA) has issued a recall for certain batches of the prescription drug, *Hydrocodone Bitartrate and Paracetamol Tablets*, manufactured by *Watson Pharmaceuticals, Inc.* The recall is due to the presence of a foreign object, a small piece of metal, in one of the tablets. The affected batches are: *Hydrocodone Bitartrate and Paracetamol Tablets, 5 mg/325 mg, White, Round, with 'W' on one side and '5325' on the other.* The recall affects approximately 1.5 million tablets. The FDA is advising patients to stop taking the tablets immediately and to contact their healthcare provider for further instructions. The recall is ongoing, and the FDA is working to identify and remove all affected tablets from the market.

Consent to Cluster

10



Consent to your application

Consent to your application



Consent to your application

Assess your data through results



Assess your data through results



Assess your data through results



Assess your data through results



Assess your data through results



Apply for the Hg28 Follow-up study by the end of the year.

Hydrox

Followers 214

biochem

+ biochem

+ biochem

+ biochem

+ biochem

+ biochem

+ biochem

Step 1: Switch to 'ABO Data' & select 'new' button option.

biochem

biochem

biochem

biochem

biochem

biochem

biochem

Step 1: Switch to 'ABO Data' & select 'new' button option.



Fig. 6. Schematic representation of the 1D3D-Flower Test.



Key Words: Unemployment; depression; risk factors



Step 6: Save your code from the created document to the editor that we will use below.

0 files selected

gpr.no.deter

0 files selected

File Name	File Type	File Size	File Date	File Location
gpr.no.deter	File	1.0 KB	2023-10-10 10:10:10	/gpr.no.deter
gpr.no.deter	File	1.0 KB	2023-10-10 10:10:10	/gpr.no.deter
gpr.no.deter	File	1.0 KB	2023-10-10 10:10:10	/gpr.no.deter

Step 7: Get a response with status and message



Step 11: Review that agency question



Step 12: Review a particular line. The first result is Direct traffic from Google.



Step 12: Select 'Sales' aggregate spreadsheet and click on 'Sales' button.



Step 13: Select 'Create' aggregate spreadsheet and click on 'Create' button.



6. Perform CRUD Operations on MySQL through REST API using Spring Boot Starter Data MySQL

Step 1: Open the Eclipse IDE for Enterprise Edition : Java : Opa...



Step 2: Add starter data mysql project to build path.



Step 1: Select the project name and location.



Step 4. Add the network red dependency to the VM.



Step 5. Verify the network and the storage settings in the VM.



Step 6: You create a new package and use a sample assigned repository. A click on "Next".



Step 7: A new package is created and a sample assigned controller. A click on "Next".



Step 8: The package is created and a sample assigned controller. A click on "Next".



Step 4: Now create a new project named 'BuildApp' for the purpose of creating 'microservice-based application' in .NET 6.



Step 10: Now create a new class named 'BookVoucher' in the package named 'com.example.springbootdemo' & click on 'Tab4'.



Step 11: Now add code to 'BookVoucher' file.



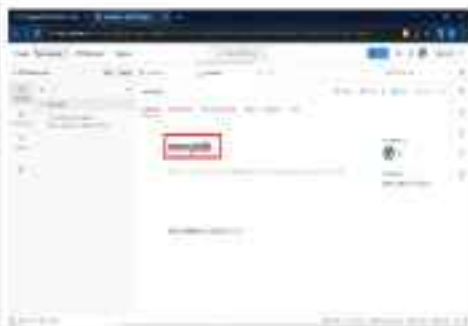
Step 12: Now add code to 'BookVoucherTest.java' file.



Fig 16: Screenshot of the IntelliJ IDEA 'Run' configuration dialog showing the 'Main class' field.



Fig 17: Screenshot of the terminal output showing the application's execution results.



Step 12: Restart UCI webUI by opening the container located at 8080/traefik/containers.



Step 13: Restart UCI webUI by opening the container located at 8080/traefik/containers.



Fig.12. Setting FWST method in network settings



Fig.13. Setting FWST method in network settings



Step 16: Give Regedit the file path to the file in the folder



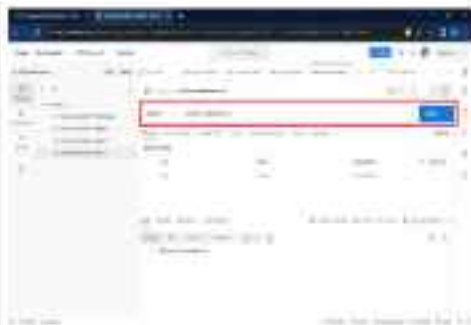
Step 17: Return F12 and refresh the browser to see the 1000 updates



Step 25: Use the `aws iam create-group` command to create a new group in the IAM console.



Step 26: Verify the group was created by running the `aws iam get-group` command in the IAM console.



Step 20 Use the IAM console to create a new user operation as following at Mergo:

```

NewUsers: [
  {
    id: 1,
    username: "u1",
    password: "1qaz!@WSX",
    _class: "com.amazonaws.mergo.api.http.User"
  },
  {
    id: 2,
    username: "u2",
    password: "1qaz!@WSX",
    _class: "com.amazonaws.mergo.api.http.User"
  }
]

```

Step 21 Follow the same procedure to perform CRUD operations on Mergo API's, except through HILLMAN as well.

Week 11

1. Integrate the work of each group and carry out integration testing.

Step 1: Open Visual Studio and select a new Project.



Step 2: Select ASP.NET Core Web API 3.1 as a template.



Step 3: Configure the application.



Step 1: Run the command 'python3 -c 'import sys; sys.stdout.write('A' * 1000000000)''



Step 2: To verify if the system is vulnerable, run:



Step 6: Add user to 'Cloudwatch'.



Step 7: Click on Add.



Step 4: Generate the UIViewController



Step 5: Add the UIViewController to the AppDelegate



Step 13: Now close the other window and open the following Visual Studio window to create a new project.



Step 14: Start ASP.NET Core Web API & click on 'Next'.



Step 10: Click on Add



Step 11: Continue & Set up IAM



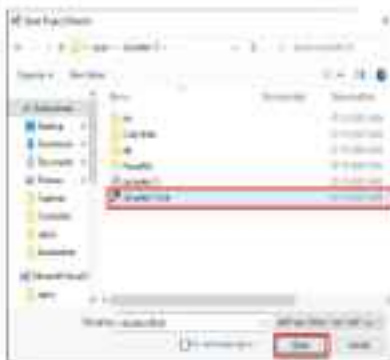
Step 25: Add code to `SoftwareController.cs` file.



Step 26: Run the application with the command `Visual Studio` and click on `Open a Project Solution`.



http://dx.doi.org/10.1016/j.sbsbs.2014.05.001



See [the full list of 100 companies](#) for more details.



Step 12: Now click on Add Standard



Step 13: Now Try to add (specify) currency 2 standard. Then click on Add



Step 12: Click on the 'Work Folders' button.



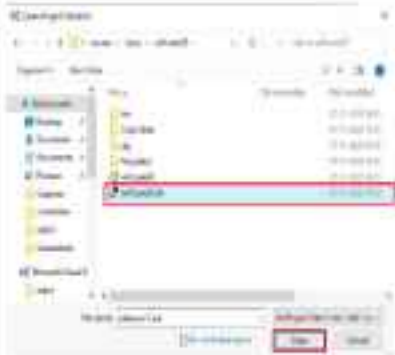
Step 13: Click on the 'Work Folders' button.



Step 5: Now open the quick-Minimal Visual Studio code in Open a Project Solution



Step 6: Now open the solution with the



Step 18: Change the path similar to the existing location you marked, then select **File** again for saving the rule.



Step 19: Download the challenge's file.



Step 30: Select Try & Test option and my friend. Then click on Run.



Step 31: Click on the point.



Step 12: Copy contents to notepad.



2. Build docker image with docker file.

Step 1: Go to Taskbar > search for 'Turn Windows features on or off' > under the 'Checkboxes' box (Windows Hyper-V Platform, Windows Subsystem for Linux), Check it or OK.



Right-click on the Firewall icon and select the command to add a new firewall rule.



Right-click on the rule type and select the command to add a new rule.



Click on the 'Next' button.

Click on the 'Next' button. Click on the 'Next' button.



Scroll down to select Docker Desktop and install it on your system.



Now click on Docker Desktop for Windows here.



Then click on the Docker Desktop for Windows for terminal.



Step-4: Now create a new folder named Docker Desktop Setting



Step-5: Give the folder path and enter root as shown below



Step-6: Now open the command prompt as docker --version to check the version. If, after the command is the for image is not the already means it is for image.

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[illegible]

View 1: Survivors participate in a role-play simulation to represent justice

© 2004 Blackwell Publishing Ltd

```

root@kali:~# cat /etc/passwd | grep root
root:x:0:0:root:/root:/bin/bash

```

Visit www.fishbase.org to find out how to use FishBase.

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Journal of Management Inquiry 22(1) 3-15

BlackBerry Charge 2 has come up first in the RIM survey as it is not a phone.



Step 10: Run the below code in test.py file.



Step 11: Insert the below code in Dockerfile as well.



Step 12: Go to Terminal - Mac Terminal - and type command as python test.py on.



Step 13: Run the below command in docker build -f Dockerfile .

```

# Create a Dockerfile for the application
FROM ubuntu:20.04
WORKDIR /app
COPY . /app
RUN apt-get update && apt-get install -y python3 python3-pip
RUN pip3 install flask
EXPOSE 5000
CMD ["python3", "app.py"]

```

Step 14: In the Docker GUI, click on the container and click on the Docker Images icon to view installed images.

Image ID	Image Name	Architecture	Size	Created
sha256:1234567890123456789012345678901234567890123456789012345678901234	ubuntu:20.04	amd64	72.9 MB	2020-01-01 12:00:00
sha256:1234567890123456789012345678901234567890123456789012345678901234	python:3.8	amd64	1.1 GB	2020-01-01 12:00:00
sha256:1234567890123456789012345678901234567890123456789012345678901234	flask:latest	amd64	1.1 GB	2020-01-01 12:00:00
sha256:1234567890123456789012345678901234567890123456789012345678901234	myapp:latest	amd64	1.1 GB	2020-01-01 12:00:00

Step 15: Enter the command `docker run -name myapp myapp` in the Docker GUI.

```

# Run the application
docker run -name myapp myapp

```

Step 16: Access the Docker Desktop GUI to view the application running in the container.



Step 15: Troubleshoot a deployment issue in Docker Desktop



2. Create Docker container from Docker image & Run the Docker container

Step 1: Create a new Docker container named as 'docker' as shown below:



Step 2: Open the official website <https://img.shy.com/containers/docker> in web browser and click on creating image for Docker application.



Step 3: Run command to view 'docker' & verify whether deployed or



Step 6: The next is give the downloaded file its own file named as "Docker" as follows:



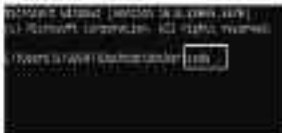
Step 7: Give Docker Desktop a description:



Step 8: Now enter 'code' as shown below:

Step 9: The command will directly return the VS Code:

Step 10: Following screenshot:



Step 11: Moreover the default code is "Dockerfile" as shown below:



Step 8: You can see the default rule is 'latest' as it is selected.

Note: You can change the rule if you want.



Step 9: Now go to Terminal > New Terminal > Enter the command 'docker build -t pthimage .' to create the docker image & 'docker run --name pthimage pthimage' to run the docker container with image.

Note: pthimage - name of docker image

pthimage - name of docker container



Step 10: Go to Docker Desktop > Containers > you can see the created container with image here.

New Item

Kind: Pipeline

Name: Jenkins-Pipeline-Example

Description: A Jenkins Pipeline Example

Create

Step 11: Then click on 'Next' option here

Pipeline Syntax

Kind: Pipeline

Name: Jenkins-Pipeline-Example

Description: A Jenkins Pipeline Example

Next

Step 12: Then click on the 'Next' button

Pipeline Syntax

Kind: Pipeline

Name: Jenkins-Pipeline-Example

Description: A Jenkins Pipeline Example

Next

4. Jenkins Pipeline

Step 1: Login to your Jenkins Account Then click on 'New Item' here



Step 2: Enter as many numbers as you wish. **Example:** 5678 Then click on OK.



Step 3: Scroll down and click on the code under "Share" section. Then click on **Copy & Save**.



Step 6: Now click on **Build** New option below



Step 7: Now click on the **Run** option in the **Run** dropdown menu below



Step 8: Then click on **Create** button below



Step 7: Now check the flow logs using console:



Step 8: Then click on Pipeline Steps to view the pipeline steps as illustrated in:



WEEK - 02

1. Kubernetes Configuration as Deployment, Cluster creation, Services

2. Load Balancer

Step 1: Log on to AWS account & search for IAM section.



Step 2: Manage Roles - click on Create Role link.



Step 3: Select EC2 Instance & click on Yes.

[illegible]

Step 4. Click on Next

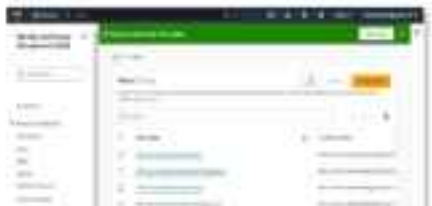
The screenshot shows the AWS IAM console interface. On the left, there is a navigation menu with options like 'Users', 'Groups', 'Roles', 'Policies', 'Groups', 'Users', 'Roles', 'Policies', 'Groups', 'Users', 'Roles', 'Policies'. The main content area displays the 'Groups' page. At the top, it says 'Groups' and 'Create New Group'. Below this, there is a table with columns 'Name', 'Type', and 'Status'. The table is currently empty. At the bottom right, there is a button labeled 'Create New Group'.

Fig. 2. Cumulative risk ratio for the risk of death in the first 24 h after admission

Step 1: Click on Create Role



Step 2: Once you are done let your role is associated to your instance



Step 3: Search for EC 2 and click on the link here



Step 4: Go to Security Groups & click on Create security group here



Step 10: Give the name for Security group here. Then click the next button & point to the description as shown below



Step 11: Use the below screenshot below & click on 'Create Security Group' button



Step 14: Use the New Group button.



Step 15: Give the group the **elastic-cluster-ctrl** - select the **AmazonEKS_CNI_Policy** - select the **managed policy** - select **AmazonEKS_CNI_Policy** - click on **Next Step**

Device configuration

Device

Device name

Device type

Device status

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Step 11. Select Public endpoint access to be used as first time

Device configuration

Device name

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Step 12. Select Public endpoint access to be used as first time

Step 1

Form 1040

Form 1040 is the main form for reporting income and calculating tax liability. It is used to report income from all sources, including wages, salaries, dividends, interest, and capital gains.

Form 1040-EZ

Form 1040-EZ is a simplified version of Form 1040, designed for taxpayers with simple tax situations.

Form 1040-EZ is used to report income from wages, salaries, and dividends.

Form 1040-EZ is used to report income from interest and dividends.

Form 1040-EZ is used to report income from capital gains and losses.

Form 1040-EZ is used to report income from other sources.

Form 1040-EZ is used to report income from other sources.

Form 1040-EZ is used to report income from other sources.

Step 2: The 1040-EZ Section

Form 1040-EZ

Form 1040-EZ is a simplified version of Form 1040, designed for taxpayers with simple tax situations.

Form 1040-EZ (1040-EZ)

Form 1040-EZ (1040-EZ)	Form 1040-EZ (1040-EZ)	Form 1040-EZ (1040-EZ)
Form 1040-EZ (1040-EZ) Form 1040-EZ is a simplified version of Form 1040, designed for taxpayers with simple tax situations. Form 1040-EZ is used to report income from wages, salaries, and dividends. Form 1040-EZ is used to report income from interest and dividends. Form 1040-EZ is used to report income from capital gains and losses. Form 1040-EZ is used to report income from other sources.	Form 1040-EZ (1040-EZ) Form 1040-EZ is a simplified version of Form 1040, designed for taxpayers with simple tax situations. Form 1040-EZ is used to report income from wages, salaries, and dividends. Form 1040-EZ is used to report income from interest and dividends. Form 1040-EZ is used to report income from capital gains and losses. Form 1040-EZ is used to report income from other sources.	Form 1040-EZ (1040-EZ) Form 1040-EZ is a simplified version of Form 1040, designed for taxpayers with simple tax situations. Form 1040-EZ is used to report income from wages, salaries, and dividends. Form 1040-EZ is used to report income from interest and dividends. Form 1040-EZ is used to report income from capital gains and losses. Form 1040-EZ is used to report income from other sources.

Step 3: The 1040-EZ Section



Step 20: New Project Creation options



Step 21: Use the class for creating a new project



Fig.22: User-to-group association verified by the user



Fig.23: Search for IAM user and click on the Add to group



Step1



Step32 Select EC2 role/permissions



Reg. 28. Subject: the policy as set out in Annexes I to IV of the NIS Directive.



Fig. 27 Select the yellow row in AmazonEBS CloudPilot form.



Step 20: Select the policy name as **AmazonS3OutpostsFullAccess** from the dropdown list.



Step 21: Assign the full access as **add group role** to the

[illegible]

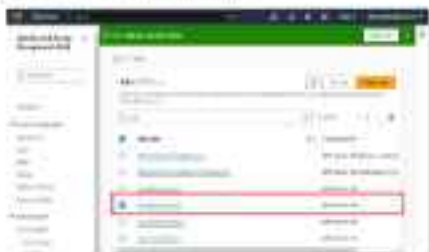
Step 39: Check that all the premises of the inference are stated as needed. Click on **CrashTable**.

[illegible]

Step 11: Now the slide is successfully created.



Step 12: Insert the data & click on the 'Add new group' button.



Step 13: Insert the data & click on the 'Add new group' button.



Step 28: Select Campaign A, click on Add new ad group/preset text



Step 29: Give your preset text ad name (e.g. I want the best deal) and click on the 'Add new ad group/preset text' button

Configure user group in

Configure user group in

Group name:

Group description:

Group type:

Group permissions:

Group members:

Group settings:

Group status:

Group actions:

Step 30: Click the **Save** button in the **Save** button.

Save user group in

Group name:

Group description:

Group type:

Group permissions:

Group members:

Group settings:

Group status:

Group actions:

Save

Step 31: Click the **Save** button.

<http://www.strongswm.com>



Step 10: Give the created user group **editor** identity as shown below:

Go to **Users** > **Users** > **user1** > **Groups**

Click on **Groups**

Click on **group1** > **Permissions** > **Permissions**

Click on **Permissions**

Click on **Permissions**

Click on **Permissions**

Click on **Permissions** > **Permissions** > **Permissions**

Click on **Permissions** > **Permissions** > **Permissions**

Click on **Permissions**

Click on **Permissions**

Click on **Permissions** > **Permissions** > **Permissions**

1 select apply & approve no post

1 select delete on approve no



Step 11: Go back to APO - Search for UIC2 - click on the first item below



Step 12: Select Last Followers - now select its newly created record view as distribution



Step 11: Group for IAM user is created



Step 12: Group for IAM user is created. The user is now able to access the S3 bucket.

