

Topic : 8

What are the benefits or importance of Writing?

Writing clarifies our thoughts, allowing us to communicate more clearly at times. Writing relieves tension since we have no other way of expressing ourselves to others. We can argue that writing boosts our confidence and productivity. We may learn more through writing since it allows us to explore more. When we write, we can concentrate more than when we speak. While writing, we add a lot of ideas and recollections.

Activity:

In this task, we must type for 2 seconds without pausing, and if we do, the previous text we have typed will be erased automatically. We were all required to do this exercise on smart phones. I wrote around 75 words. It really sharpens our attention. I tried again, and this time I was able to type 100+ words. It progressively improves mental capability. It also increases typing speed.

Asynchronous Activity-5

Actually while writing we can reflect our experiences and through this experience we learn this experience. While writing we can learn through others conversation. Writing make us to learn more confident. From Writing we can learn many new things and express our self in written formats. Writing allows us to learn how to focus.

Topic : 9

GROUP-1 In this group, they built a drone that takes pictures while flying.

That drone has four wings, a camera, and a remote control. That was enjoyable and intriguing.

GROUP-2 designed a washing machine that revolves clockwise. Some members of the group were the washing machine's top cover, another was the switch, another was the cord that linked the switch, and yet others were the container that held all of the clothing and moved about. This procedure was quite simple and uncomplicated.

GROUP-3 This was our group, and we built a workable solar panel. We were separated into four groups to become a part of this system, so four of them were solar panels with stands, one was an inverter, and one was the line that connected them (Solar Panel Inverter and Inverter-Battery)

Self-Reflection of this Activity

This exercise was done in a public setting, and there were some new things to learn. For starters, it was a spur-of-the-moment exercise with no prior preparation.

Second, it was both exciting and enjoyable to play the role of a machine.

And the most crucial thing we learnt was the need of cooperation among members and teamwork with complete devotion. Everyone did it so quickly because they were so interested in this activity.

Basic Level 3D Animation

Date : 10 October 2021

Today Is the first day of starting my 3D animation journey. First of all, I downloaded the 3D blender software and installed it, the installation process of the software is very much complex that I won't take help from you tube for installing.

Date : 11 October 2021

When Open I opened the software it take almost more than 1 min and the first UI is amazing there is a lot of buttons that I want to explore But at the same time I have fear it's a new topic for me because I only experienced mobile video editing. So for today I only explore the upper side toolbar and working of 3d animation that the canvas is divided into 3 axes we change the axis by clicking the right mouse.

Date : 12 October 2021

Today I learned about different toolbar that UI divided into 3 parts that is left, top and right sides. The top toolbox contains all the basic import and views sections of the 3d blender software. The right side toolbox contains the camera and its axis while performing and rendering a project. The Left Side tool box contains tools regarding the boundary of the objects and their outlines.

Date : 13 October 2021

I started my first project today after studying the basics of the software. I begin by importing blank screens from the import section and experimenting with the colour, texture, and shadow options one by one. My laptop is experiencing some delay while loading the project.

Software fails almost 2-3 times, which annoys me and forces me to postpone the project, but I learned in Bhiaya lesson that if we start procrastinating, it would never finish.

That class boosted my confidence, and I finished my first assignment despite several challenges.

In this small project i created an table object. Sample of that project reflect below.

The most difficult challenges I've had when working on this project have been with outlines. When I choose outlines at the same time, I can't move the object, which is a really inconvenient thing.

Date: October 17, 2021

Basic Model Navigation

We use the central mouse cursor to spin around in the 3D perspective.

Hold shift+middle mouse then move the mouse to go down and up.

We utilize Ctrl and choose the items to select several objects.

We utilize A to choose anything in the world.

When we choose anything, it'll be displayed in light red.

Date: October 26, 2021

Rotating

To rotate an object, we must first pick the object to be turned.

Use R and then use x, y, z to rotate about a given axis. Every letter corresponds to a particular direction.

Scaling

To scale, hit the S key. After hitting "S," if we wish to extend an item across a specific axis, hit z x and y.

Date: October 26, 2021

Rotating

To rotate an object, we must first pick the object to be turned.

Use R and then use x, y, z to rotate about a given axis. Every letter corresponds to a particular direction.

Scaling

To scale, hit the S key. After hitting "S," if we wish to extend an item across a specific axis, hit z x and y.

Date: October 29, 2021

Modifier keys are used in 3D modelling to alter the current mesh.

This modification helps to smooth the model.

All modifier parameters are accessible via the right tool bar.

Date: November 1, 2021

Choosing in Edit Mode In the modelling field,

In edit mode, we have three options for selecting things: single vertexes, arcs, or surfaces.

We utilize three keys at the top of global space to switch.

Date: November 9, 2021

Modelling Consolidation

We can choose two or even more topped with a white in edit mode and combine them together.

To accomplish this, enter edit mode, pick the vertexes to be merged, and afterwards press "W" to combine them.

Date: November 12, 2021

Today I learned about the Blade tool in modelling, which is used to trim materials at an inclination to create smoother objects.

To use the bevel tool instantly from the keypad, press Ctrl + B.

Final mini project

Today I try to create an chair with textures and basic outlines as an project. learnt about horizontal and vertical cutting tools which is used to create new selection in the edges of any objects.