

## **Experiment no- 08**

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### **Title:**

*Draw Activity Diagram.*

An activity diagram is a type of UML (Unified Modelling Language) diagram that is used to model the flow of activities or actions in a system, process, or workflow. It is a graphical representation that shows the sequential and parallel activities or tasks, their order, and the conditions or constraints that control the flow.

Activity diagrams are commonly used to model business processes, software workflows, use cases, and other complex systems. They can help identify inefficiencies, bottlenecks, and potential errors in the system, and provide a visual representation of how the system functions.

In an activity diagram, each activity is represented by a rounded rectangle, and the arrows connecting them represent the flow of control from one activity to another. The diagram can also include decision points, represented by diamonds, where the flow of control can be split into multiple paths based on a condition.

Overall, activity diagrams are a useful tool for visualizing and analysing complex systems and processes, and are an important part of the UML modelling language.

**Below is the activity diagram for YouTube.**

