Sample Graph : 

**Input for Universal Graph :**

**Statement on Console :** Total number of Edges

**Your Input :** 10

**Statement on Console :** Enter the edges - Enter the source Node

then the destination Node (Node name Format - ChapterName Chapter number)

eg. C1 10 C2 1

**Your Input :**

**A 0 C 0**

**B 0 C 0**

**C 0 D 0**

**C 0 E 0**

**C 0 F 0**

**E 0 H 0**

**F 0 H 0**

**H 0 I 0**

**H 0 J 0**

**J 0 K 0**

**Statement on Console :** Enter your choice to enter Syllabus SubGraph

Enter 1 if you want to input it as Json,

Enter 2 if you are entering node one at a time

**Your Input :** 1

**Statement on Console :** Enter the Nodes of SubGraph

format of Json Should be [node\_id,...] where node\_id

should be in the format ChapterName\_Chapter number eg.A1\_1

**Your Input :** [E\_0,F\_0,H\_0,I\_0,J\_0,K\_0]

**Statement on Console :** The subgraph you enter is as follow [E\_0, F\_0, H\_0, I\_0, J\_0, K\_0]

Enter the status of the nodes in SubGraph Pass[1] or Fail[0]

Format should be {node\_id:0,...} node\_id is the id you entered in previous step

**Your Input :** {E\_0:1,F\_0:1,H\_0:1,I\_0:1,J\_0:1,K\_0:1}

**Sequence of Node Output :** E\_0:1,F\_0:1,H\_0:1,I\_0:1,J\_0:1,K\_0:1