**UE20CS205 – Automate Formal Language and Logic**

**12 Dec 2021**

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**Prolog Code:**

branch(a,b).

branch(a,c).

branch(c,d).

branch(c,e).

branch(d,f).

path(X,X).

path(X,Y):-branch(X,Z),path(Z,Y).

**For the Binary Tree:**

**A picture containing text, clock, vector graphics

Description automatically generated**

**Output:**

**Graphical user interface, application

Description automatically generated**