

2CEIT602: Artificial Intelligence

Practical-1

AIM: Write a python program to implement Breadth first search (BFS) Traversal on input tree.

- Understand class concepts of python
 - Constructor, method of class
 - Built-in-methods to Override for Class
- Use class concept of python to create Tree Class, Node Class
- Use class to implement Data structure to be used in program
- Don't use any python package throughout program
- Output should look like below:

Search String = Prem

Path: Amit->Rahul->Sanjay->Raj->Gaurav->Sneha->Anjali->Nidhi->Prem

Path Cost=8

Input Tree:

