

CS 6301 – Implementation of Advanced Data Structures and Algorithms
- by Dr. Balaji Raghavachari

by Bala Chandra Yadav (bxy140430)
Ravindhar Reddy Thallapureddy (rxt140930)
Mohammad Rafi Shaik (mxs146030)

Implementing algorithm to bipartite matching:

The project involves the implementation of matching algorithms and testing for various inputs.

Problem Statement

Compare the running times of the implementation of bipartite graph matching algorithm on various inputs

Software Requirements (Used)

Java version: Java v1.8.0_31

JDK: Oracle Java SE Development Kit 8

Editor: Eclipse

Instructions to run the code (for detailed, please check readme.txt)

JVM arguments:

To compile the file

```
>javac LP5Lev1.java
```

To run the program use the following command

```
>java LP5Lev1
```

input (file)	RT(msec)	Memory
bip1.txt	38	2MB/128MB
bip2.txt	66	14MB/128MB
bip3.txt	219	55MB/163MB
bip4.txt	978	178MB/654MB