

Table 2 test for COEN490

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                                                              public static void main(String[] args) throws IOException {
                                                                                          tool t=new tool();
StringBuffer s=new StringBuffer();
BufferedReader f;
f=new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
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main

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                                                                                          GraphS G=new GraphS();
t.createGraph(f,G);
COEN c=new COEN(G);
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                                                                                              System.out.println(c.getPrerequisistePath("COEN 352"));
                                                                                        System.out.println(c.getPrerequisistePath("COEN 490"));
c=new COEN(G);
System.out.println(c.getPrerequisistePath("COEN 490"));
c=new COEN(G);
System.out.println(c.getPrerequisistePath("COEN 433"));
System.out.println(c.isPrerequisite("COEN 243", "COEN 352"));
System.out.println(c.isPrerequisite("COEN 212", "COEN 352"));
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                                                                                   System.out.println(c.isPrerequisite("COEN 212", "COEN 352"));

/*

* HERE IS THE COURSE NAME MAP;

* getPrerequisistePath(String s),s HAS TO BE EXACTLY SAME STRING;
Courses[0]="MATH 204";
Courses[1]="ENGR 290";
Courses[1]="ELEC 311";
Courses[3]="SOEN 341";
Courses[3]="SOEN 341";
Courses[4]="ELEC 372";
Courses[6]="ENGR 301";
Courses[6]="ENGR 301";
Courses[6]="COEN 212";
Courses[9]="COEN 243";
Courses[9]="COEN 244";
Courses[10]="COEN 311";
Courses[11]="COEN 311";
Courses[12]="COEN 316";
Courses[13]="COEN 316";
Courses[14]="COEN 316";
Courses[15]="COEN 360";
Courses[16]="COEN 360";
Courses[17]="COEN 360";
Courses[18]="COEN 360";
Courses[19]="COEN 360";
Courses[19]="COEN 360";
Courses[19]="COEN 360";
Courses[20]="COEN 413";
Courses[21]="COEN 415";
Courses[21]="COEN 421";
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| Consider | Consider
                                                                                                                                                                                                                                                                                                                                                                             COEN 212 COEN 231 COEN 243 COEN 244 COEN 311 COEN 352 COEN 390 COEN 490
 true
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Table 3 Manually testing