CMSC 132 2nd Semester, 2012-2013
Exercise 7: Programming Pipelined Computers (DLX Architecture)

Consider the following sequence of statements:

```
a = b + c;
d = a - f;
e = g - h;
```

Get the values of *b*, *c*, *f*, *g* and *h* from user input.

1. Write a DLX code that performs the following sequence of statements above.
2. Write an optimized code that avoids pipeline stalls for the sequence of statements above.
3. Compute for the speedup in terms of CPI. Put your solution on a text file.
4. Submission details:
   - E-mail your exercises to kepbautista@gmail.com.
   - Subject: CMSC 132 *LabSection* Exercise 7 *Surname* (e.g. CMSC 132 T-4L Exercise 7 Bautista)
   - Store your files inside a ZIP file named “surname_labsection_exer7.zip”. Example: *bautista_t-4l_exer7.zip*
   - Delete your files *(Shift+Delete)* and shut down your computer after sending your exercise.