

COIS 4470H Lab 3 -GPSS/H

Install GPSS/H, do the following examples.

Example 1

```
*
*      ONE-LINE, SINGLE-SERVER QUEUEING MODEL
*
      GENERATE      18,6      ARRIVALS EVERY 18 +- 6 MINUTES
      ADVANCE       0.5      HANG UP COAT
      SEIZE         JOE      CAPTURE THE BARBER
      ADVANCE       15,3      HAIRCUT TAKES 15 +- 3 MINUTES
      RELEASE       JOE      FREE THE BARBER
      TERMINATE     1      EXIT THE SHOP
*
      START         100
      END
```

Example 2

```
*
*      GPSS/H Block Section
*
      GENERATE  4,1      A bundle arrives every 4+-1 minutes
      ADVANCE   2      Transportation time to the staging area
      SEIZE     SERVER   Capture the line server
      ADVANCE   3.75,1   Prepare a bundle
      RELEASE   SERVER   Release the line server
      TERMINATE 1      Increment finished bundles by 1
*
*      GPSS/H Control Statements
*
      START    100      Terminate simulation after 100 bundles
      END
```