

# Κατανεμημένα Συστήματα

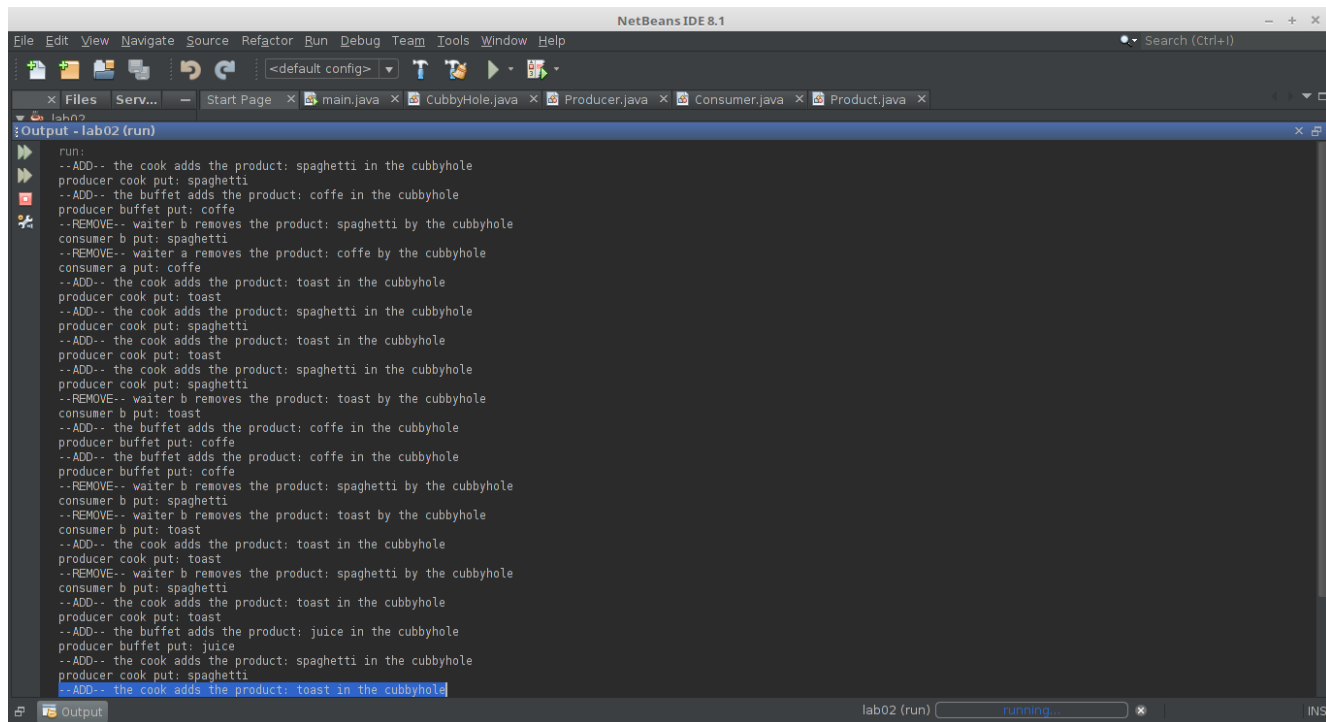
## Δεύτερη Εργαστηριακή Άσκηση

Επίλυση προβλήματος παραγωγού-καταναλωτή

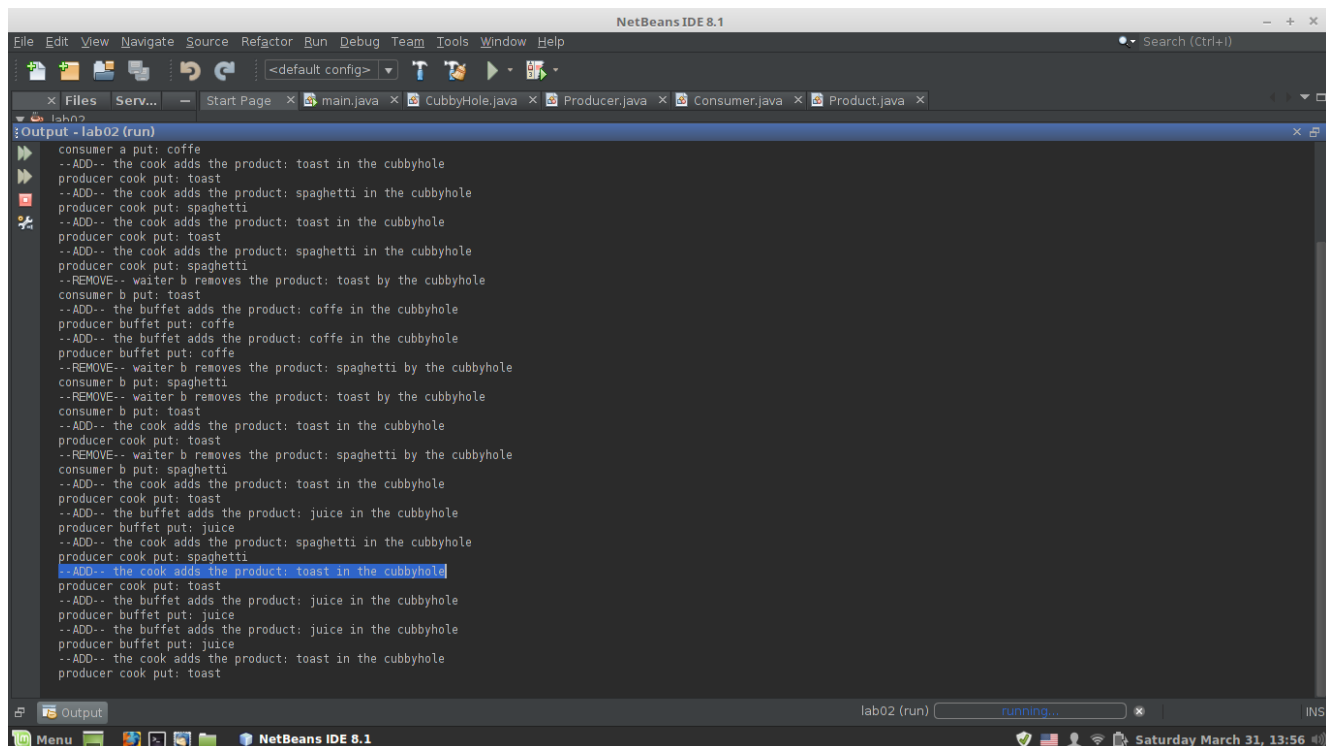
Όνομα Φοιτητή : Μπινιάκου Θεοφάνης

A.M. : icsd13126

## Οθόνες εκτέλεσης του προγράμματος :



```
run:
--ADD-- the cook adds the product: spaghetti in the cubbyhole
producer cook put: spaghetti
--ADD-- the buffet adds the product: coffe in the cubbyhole
producer buffet put: coffe
--REMOVE-- waiter b removes the product: spaghetti by the cubbyhole
consumer b put: spaghetti
--REMOVE-- waiter a removes the product: coffe by the cubbyhole
consumer a put: coffe
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--ADD-- the cook adds the product: spaghetti in the cubbyhole
producer cook put: spaghetti
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--ADD-- the cook adds the product: spaghetti in the cubbyhole
producer cook put: spaghetti
--REMOVE-- waiter b removes the product: toast by the cubbyhole
consumer b put: toast
--ADD-- the buffet adds the product: coffe in the cubbyhole
producer buffet put: coffe
--ADD-- the buffet adds the product: coffe in the cubbyhole
producer buffet put: coffe
--REMOVE-- waiter b removes the product: spaghetti by the cubbyhole
consumer b put: spaghetti
--REMOVE-- waiter b removes the product: toast by the cubbyhole
consumer b put: toast
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--REMOVE-- waiter b removes the product: spaghetti by the cubbyhole
consumer b put: spaghetti
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--ADD-- the buffet adds the product: juice in the cubbyhole
producer buffet put: juice
--ADD-- the cook adds the product: spaghetti in the cubbyhole
producer cook put: spaghetti
--ADD-- the cook adds the product: toast in the cubbyhole
```



```
consumer a put: coffe
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--ADD-- the cook adds the product: spaghetti in the cubbyhole
producer cook put: spaghetti
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--ADD-- the cook adds the product: spaghetti in the cubbyhole
producer cook put: spaghetti
--REMOVE-- waiter b removes the product: toast by the cubbyhole
consumer b put: toast
--ADD-- the buffet adds the product: coffe in the cubbyhole
producer buffet put: coffe
--ADD-- the buffet adds the product: coffe in the cubbyhole
producer buffet put: coffe
--REMOVE-- waiter b removes the product: spaghetti by the cubbyhole
consumer b put: spaghetti
--REMOVE-- waiter b removes the product: toast by the cubbyhole
consumer b put: toast
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--ADD-- the buffet adds the product: juice in the cubbyhole
producer buffet put: juice
--ADD-- the cook adds the product: spaghetti in the cubbyhole
producer cook put: spaghetti
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
--ADD-- the buffet adds the product: juice in the cubbyhole
producer buffet put: juice
--ADD-- the buffet adds the product: juice in the cubbyhole
producer buffet put: juice
--ADD-- the cook adds the product: toast in the cubbyhole
producer cook put: toast
```

### Σημειώσεις

- Παρατηρώ ότι μόλις γεμίσει ο πίνακας που περιέχει τα προϊόντα, ενώ πρώτα έχουν γίνει αρκετές αλληλεπιδράσεις μεταξύ παραγωγού-καταναλωτή, κανένας καταναλωτής (σερβιτόρος) δεν παραλαμβάνει κανένα προϊόν, και εκεί τερματίζει το πρόγραμμα.
- Πάραυτα, το πρόγραμμα λειτουργεί κανονικά και σύμφωνα με τις υποδείξεις της εκφώνησης.