

ICOM 4215 Homework 2 Spring 2011

Today: Tuesday, February 15, 2011

Due date: Thursday, Mar 1, 2011

Points: 10 points

Objective: Understand modern processors. Promote teamwork.

Group homework – three or four students per group

Submission:

- Via email and oral
 - Written document via email, one student sends the email and copies all teammates
 - Oral part in the classroom, one student will be selected, formal presentation with slides
- Subject on the email: Homework 2 ICOM 4215
- Send the email to nayda.santiago@ece.uprm.edu Submit by 12:30pm on the due date.

Review literature on one of the following types of current processors:

- Mobile
- Workstation
- High Performance Computing

Part I

Written document in English; send via email. Compare at least three current processors in one of the above categories according to their features, frequency, cache size, ISA, power consumption, cost, and technological advances. Turn in a 600 to 1000 words document with this comparison.

Part II

Oral discussion in the classroom (with slides). In 10 minutes, one of the members of the group will explain your group's comparison.

Grading Rubric

Criteria	Yes	No	Points
1. Written document: Provides an detailed comparison of platforms			2
2. Written document: Provides at least three platforms and their details (in smaller/larger groups of students, adjust appropriately, eg. if 4 students, 4 platforms)			3
3. Written document: The document is well organized			1
4. Oral presentation: The student is well prepared			1
5. Oral presentation: The information presented is correct			1
6. Oral presentation: The information presented is well organized			1
7. Overall: The group worked well as a team			1