

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
CS - 252 Computer Architecture and Organization



ASSINGMENT 2

INSTRUCTOR'S NAME:	UZAIR KHAN	ANNOUNCED DATE:	WEEK 4
PROGRAMS:		MAX. MARKS:	10 MARKS
SEMESTER:	IV	DUE DATE:	WEEK 11 -13

Instruction(s): ATTEMPT ALL QUESTIONS.

Instructions

1. The assignment should be based on a presentation.
2. The presentation must be accurate
3. Each Student will have a 5-minute presentation slot.
4. PPT format should be used for the presentation
5. Questions and Answers from the Selected Topic will be Asked
6. A presentation should have at least 20 slides. Each Student must cover that slide's relevant segment.
7. On the day of the presentation, a hard copy of the assignment must be turned in.
8. Based on the viva, marks will be given.
9. On the day of your presentation, email the ppt version of your assignment to uzarkhan18@gmail.com.
10. **Copied Material** will receive a score of 0.
11. Plagiarism from internet sources of **more than 25%** will also lower your grade
12. Four students may form groups. There will be no individual presentations accepted.

CLO – 1 : Bloom's Taxonomy (Cognitive Level C2) (PLO-1)

Select any One Topic from the following or chose by your own

1. Single Cycle Processor
2. RISC Vs. 8086 Architecture
3. Rocket Chip Generator
4. 5 Stage Pipeline
5. Trend of Processor Development in Pakistan
6. Pakistan First Open-Source Processor
7. Assembly Language
8. Complete workflow from C language to Assembly to the final product
9. Logisim

It would be appreciated if you could come up with a different topic that is linked to the COAL Course in addition to those listed above. You must first discuss the topic with me.

Cover each Topic in detail

(Describe, Illustrate, Review, Summarize, Observe etc)