### 3827 OH

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### Announcements

# Announcements: Upcoming Exams and Homework

- HW5 due 4/1 (Ed post #252)
- HW6 due 4/4 (Ed post #256)



#### Announcements: Midterm

- Do not throw away your exam if you plan to request a regrade
- Form: https://forms.gle/8S8WYGD2B8LSsRmt9
- I cannot comment on how a certain question was scored since I may not have scored it
- I do not know how the different exams are relatively curved



# Announcements: Feedback

Form: https://forms.gle/cnUmKVNYN7WvRbHA6

run correctly
work attempts.

### Homework 5 Material

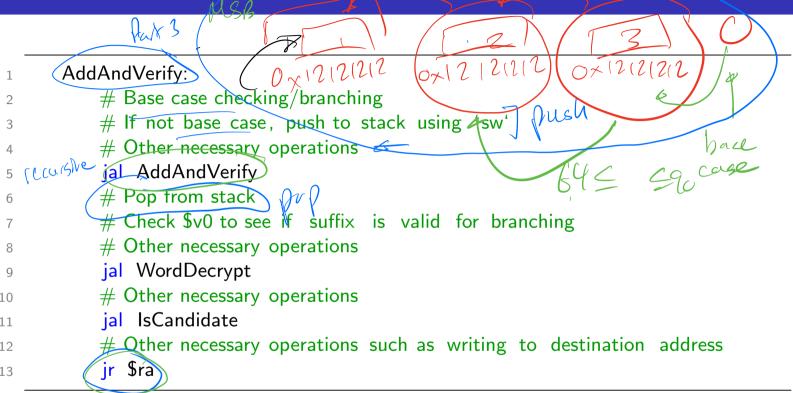
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#### Homework 5 Material: Overview and Relevant Lectures

- All Part *n* references are for Part 2.*n* in the "Coding Details" part of HW5 (i.e. the programming parts)
- Introduction to MIPS programming (Lecture 07, Slides 35-81)
- Conditional logic in MIPS (Lecture 07, Slides 82-95)
- Stack pointer and recursion (Lecture 07, Slides 96-111)
- MIPS calling conventions (Lecture 07, Slides 112-166)
- For Part 3 (AddAndVerify), use new testing program test—AddAndVerify—plus.s on CourseWorks
  - The original does not print any decrypted string even if you are correct
  - Also original says "ALL DONE" even if you are wrong
  - $^{ackslash}ullet$  It is fairly clear when the new testing code outputs correct string
- For the main message (Part 4), the last four characters can be ignored



## Homework 5 Material: General Part 3 Structure



• This is just a rough outline – you must fill in the rest of the code

Is Cardidate (port 2) Lao input word \$ vo all bytes valid 255= 32-12

To Candidate:

Hinitralize mask, i

Toop

Loodicheeker for ice 4 c

Hand Sto, Jac, mask

branching logiz for 645\$to 590 = HSTL \$a0, \$a0, 8 #Shift \$a0 rght 7 # if \$to. \$ [64,90] # (i \$vo, 0 = one of hytes

13 not valid for dra 9 / (; \$vo, ( # jr\$ra

## Homework 6 Material

- Coincident selection (Lecture 10, Slides 41-58)
- Scaling memory using multiple chips (Lecture 10, Slides 59-85)