

List of questions of the final test (POST-TEST):

1. [C] In the first lesson, to get to know each other a little better, we saw what social identity and personal identity are... What is the difference between social identity and personal identity?
2. [C] In the first lesson, to get to know each other a little better, we saw what social identity and personal identity are... Please write here some of the conclusions among those that emerged from the debate in class.
3. [CL] In your opinion, computational linguists mainly deal with:
 - (a) studying natural languages and creating algorithms that encode texts and making them understandable to computers
 - (b) reading tweets and spending time on social networks and commenting on what they read
 - (c) studying invented languages such as Elf, Dothraki, Klingon and watching TV series
 - (d) arbitrarily decide what is sarcastic and what is not and then explaining it to all their acquaintances
4. [CL] At the beginning of the lab, we spoke a little about what computational linguistics deals with... Try to list at least 2 (or more) applications of everyday life in which you think that the basis may be the use of technologies derived from computational linguistics. (Try to specify as much as possible).
5. [C] By reading the following text you decide whether the text contains hate speech (HS) or does not contain any (NO-HS).
 - (a) "Of course it is better to omit that the 27 was a migrant resource of the Gambia. Keep calm mayor, the center of #Cagliari is still safe...yeah sure."
 - (b) "Tomorrow if you have time, make me a list of the jobs that migrants have stolen from you and your children. I care about it."
6. [C] The following text contains at least one form of hate speech. Choose the discriminatory phenomenon you think is most suitable from the options below and explain why. [Racism, Misogyny, Sexism, Ageism, Homophobia, Ableism]
 - (a) "To me it has always sucked, even if she was well-dressed, it is precisely the core that disgusts me"
 - (b) "But, did you hear what Manlio di Stefano said about the RATS SO-CALLED ROMAS? GIVE HIM THE HOUSE!! That is, we pay taxes and

we can just dream of a house. While ROMAS cheat they steal DON'T PAY TAXES. indeed they are connected to electricity cables illegally”

(c) “How can you put a photo so vulgar, shame you are not up to being followed by children, you should not give such an example to an audience of kids who follow you”

(d) “how disgusting are you nigga? at least study the hymn. I feel sorry for you, you spit on a nation full of history! there are no Italian niggers!”

(e) “You are 40 years old, you are a family man and go around with colored nails?!”

7. [CL] If everyone in your class annotates the same tweet thinking about the binary classification with labels 0 and 1 (for example: this tweet contains a hate message (1), or does not contain it (0)), it is reasonable to think that there is a part of the class in agreement and a part of the class in disagreement. How does a computational linguist go about solving this problem?

8. [CS] Try to describe in your own words what an algorithm is.

9. [CS] Text vectorization is...

(a) By turning numbers into text

(b) Writing a list of words in square brackets

(c) By transforming texts into numerical vectors

(d) Filling a container with zeros and ones

10. What programming language did we use in the classroom during the laboratory?)

(a) Java

(b) Javascript

(c) C

(d) Python

11. [CS] A practical example of an algorithm in everyday life is...

12. [CS] What output would you expect if you were to run the following code:

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print("Hi everybody!" * 3)
```

13. [CS] What output would you expect if you were to run the following code:

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for n in range(5):  
    print(n)
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14. [CS] how disgusting are you nigga? at least study the hymn. I feel sorry for you, you spit on a nation full of history! there are no Italian niggers!"

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The automatic classifier has 'tagged' the text above as containing hate speech. Why do you think so? On the basis of what parameters? Explain it below.

15. [CS] Imagine having to build an automatic text classifier that is capable of distinguishing texts that contain hate speech from those that do not. What strategy would you adopt?