

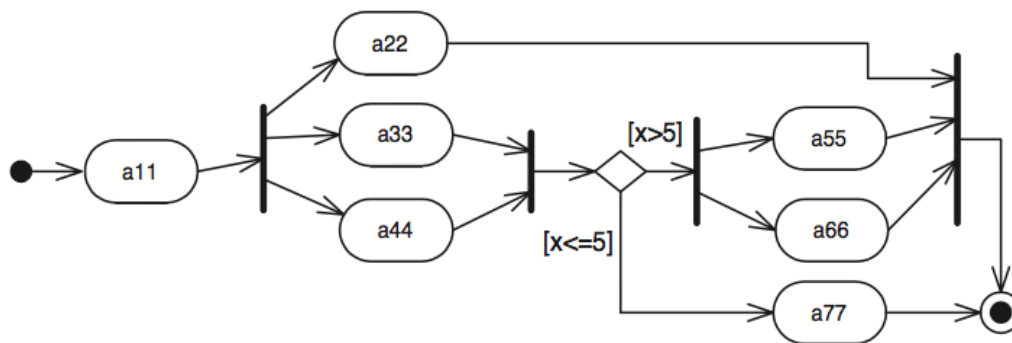
Métodos de Desenvolvimento de Software

2014/2015

Caderno de Exercícios / Lab Exercises

V - Activity Diagrams

1. Which of the following activities can happen simultaneously?



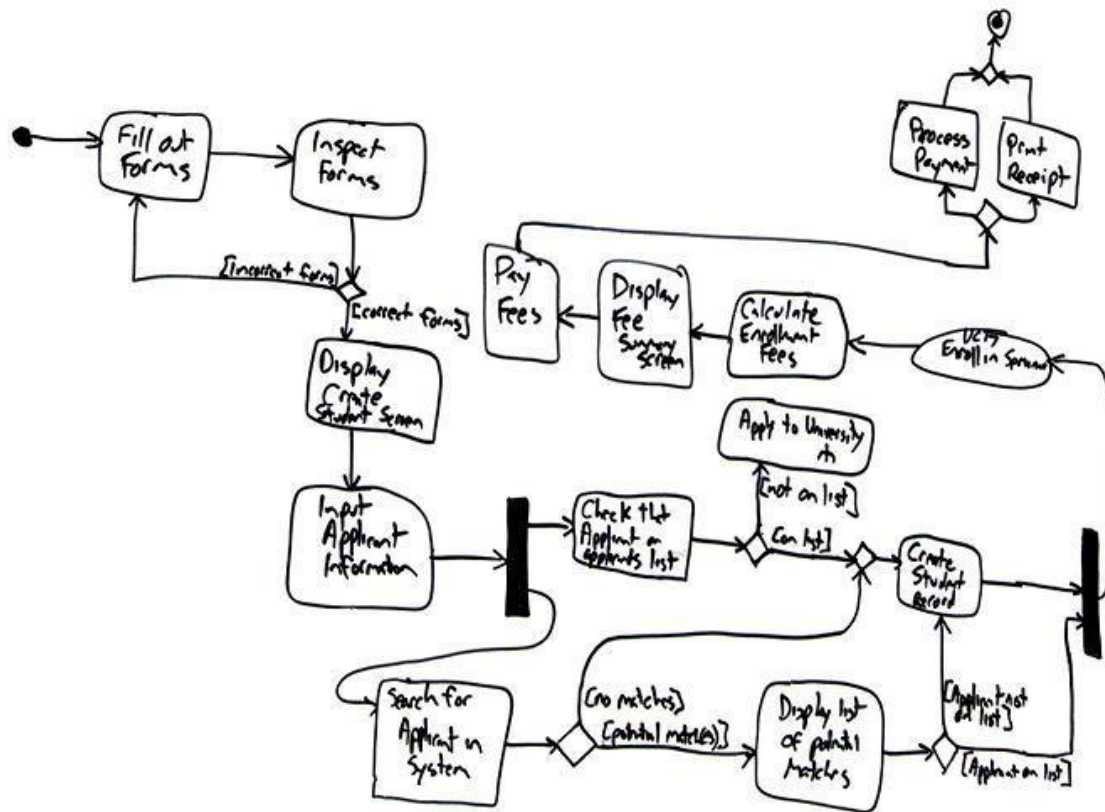
Choose one:

- a. a44 and a66
- b. a44, a33 and a22
- c. a22 and a77
- d. a77 and a66

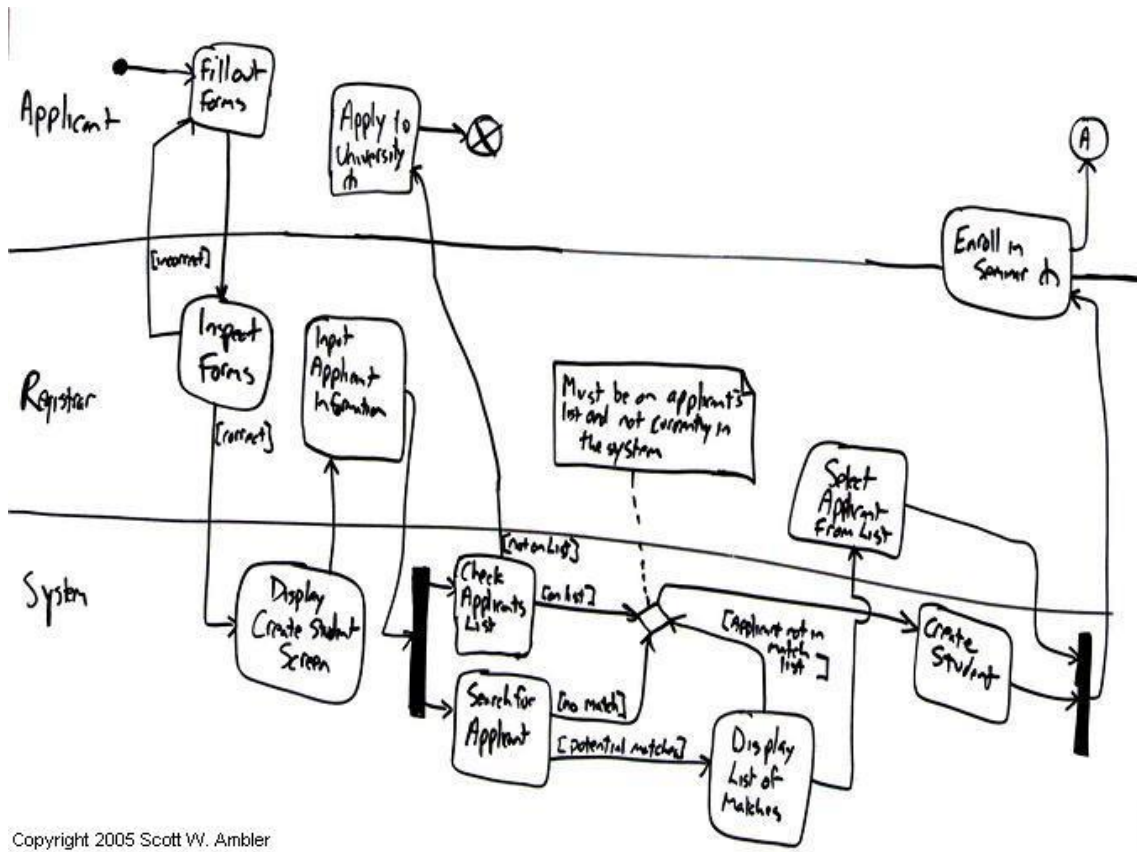
2. Which of the following sentences are true or false?

- a) The activity diagrams can have: activities, transitions, guards or conditions, decisions and merge, join and fork, and end of activity.
- b) Conceptually, an activity is a task that needs to be realized.
- c) From the point of view of a specification, an activity is a class method.
- d) It is illegal to have activities immediately followed by another activities.
- e) The activity Diagram may have parallel activities and impose in which order should be executed first.
- f) The activity diagrams represent the flow of sequential processes.

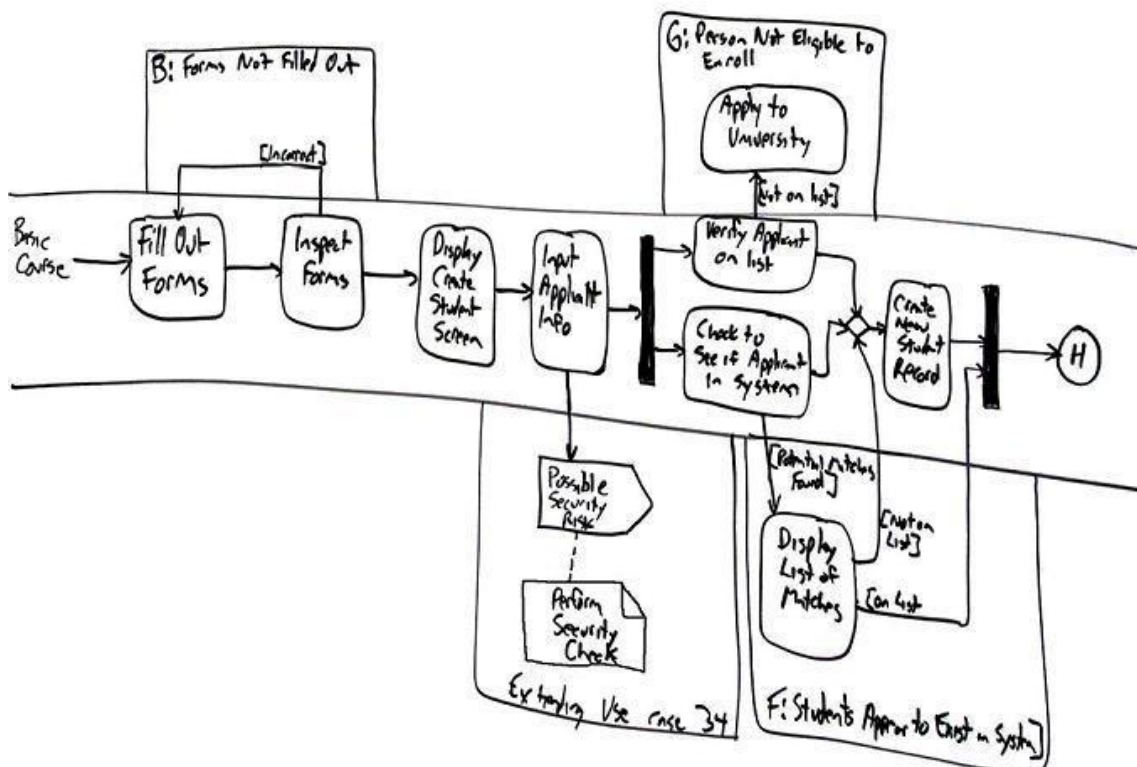
3. Is the following activity diagram correct? If not please describe all the reasons to invalidate it.



4. Is the following activity diagram correct? If not please describe all the reasons to invalidate it.



5. Is the following activity diagram correct? If not please describe all the reasons to invalidate it.



6. Explain, in your own words, what happens in the following activity:

