

Objectives

- to install and get familiar with the UiPath Studio development framework;
- to develop a workflow using basic programming concepts (variables, choices, control flow structures).

Please perform the A, B and C during laboratory. Task D is homework.

| Task | Description |
|--|---|
| <p>[individual] A. Install UiPath Studio</p> | <p>Please install on your laptop the UiPath Studio Academic Alliance Edition (AAE). This is the framework that will be used throughout the lab activities. By using AAE, students are entitled to use UiPath Enterprise under license, for 1 (one) calendaristic year.</p> <p>Steps:</p> <ul style="list-style-type: none"> • Fill out the form available at https://www.uipath.com/landing/academic-studio-download. The use SCS e-mail address is optional (you can use other e-mail address). • Check the Inbox (Spam folder included, if needed) for an UiPath e-mail and install UiPath Studio AAE following carefully the guide included in the received e-mail; • If you have installed Community Edition previously, please uninstall it first before installing UiPath Studio AAE. |
| <p>[individual] B. Join UiPath Academy [optional]</p> | <p>Please create an account on the e-learning platform hosted by UiPath available at https://www.uipath.com/rpa/academy. This is a free e-learning platform.</p> <ul style="list-style-type: none"> • Enroll in the RPA Developer Foundation learning plan. Recommended readings will be from this learning plan. You may enroll in as many training courses as you want. • Task C and Task D focuses on the basics (variables, choices, control flow structures) discussed in Lecture 02. |
| <p>[individual/team] C. Basic workflow [in class]</p> | <p>Provide a sequence-based workflow solution for the problem discussed during Lecture 02. <i>Create a process that performs the following actions:</i></p> <ol style="list-style-type: none"> 1. generate an integer number from 1 to 7; 2. read a number to guess the generated number; 3. compare the generated value <ol style="list-style-type: none"> 3.1. print the message "Enter a smaller number!" or 3.2. print the message "Enter a bigger number!"; 4. repeat steps 2 and 3 until you succeed to find the number; 5. show the message "Well done!!!". |
| <p>[individual/team] D. Basic workflow [due: Lab02/Lab03]</p> | <p>Create an empty project in UiPath Studio and develop a workflow that uses basic concepts discussed in Lecture 02, considering at least the followings:</p> <ul style="list-style-type: none"> • min. 1 sequences and 1 flowchart; • min. 3 types of variables; • min. 2 type of choices; • min. 2 types of control flow; • min. 2 different collection types (Lecture 04). <p>The workflow will correspond to a process that performs a group of steps to achieve a meaningful goal, e.g., solve a (math) problem, a game implementation.</p> |

Recommended readings:

- from the **RPA Developer Foundation (v2019.4)** learning plan, skim the followings lessons:
 - **Get Started with RPA Development (v2019.4)** (30min);
 - **Variables, Arguments, and Control Flow in Studio (v2019.4)** (3h).