*Researcher Preparations:*

1. Get the keys to the lab space and test space. Make sure you know where these rooms are and which desk you want to have subjects do the study in the test space.
2. Get the MacBook for running participants (email Janice if you have not been introduced which MacBook you are to work with) alongside the charger. Make sure you know the login account/passcode, and have the [updated codes](https://www.dropbox.com/scl/fo/ik4cjkyv4ef9f9598bh9f/h?rlkey=o7p1z76clba55rdw4nll57ngd&dl=0) (study\_imp) ready on the desktop.

In addition, install these three things on the MacBook before we meet: ***pip, anaconda, jupyter notebook.*** To do so, ask ChatGPT “how to install pip on macbook?”, and follow the step-by-step instruction returned by ChatGPT.

*Experimental Procedures:*

1. **Recruit subject on SONA and meet subject:**

Host the “Read story and complete tasks” SONA study following this [lab manual](https://docs.google.com/document/d/112_rsX5bNZzWnpR1nSTacPXSCeWhCKzwfVOctphU_pk/edit?usp=sharing) to recruit and schedule participants.

Once scheduled, both you and the subject should know when and where to meet for the study (according to your study instruction on SONA).

Note that people often let lost in Ames, so to save both you and the subjects lots of hassle, you can set on SONA to meet with the subject at a place easy to find, where you lead subject to the testing space.

1. **Start study and instruct:**

Upon subject’s arrival at the test space, click open cyoa\_ctrl.html in the code folder study\_imp/monthiversary\_free/ to get started with the study. Have subjects follow the instruction on the screen to proceed and say:

*“Let me know if you run into any questions during this study. Once you are done, you will be asked to download a file—please click on download and inform me. I will then instruct you on the next step.”*

Afterwards, sit somewhere you can see the screen of the subject, where you can mind your own things, but periodically check on the subjects’ screen to make sure that they are following instructions. Do this until subject informs you the download is complete.

1. **Create rating file (run codes):**

Once you got the downloaded file, ask the subject to patiently wait for a minute while you prepare for the next step.

Put the .sona file into the folder path study\_imp/rate\_importance/spr\_data/ Note that this path should only have one .sona file—the subject that you are currently running.

Run the three chunks of code in the jupyter notebook 1\_scripts/rateFile.ipynb, which will read from the .sona file you put in the spr\_data/ path and create the rating file in the rate\_importance/rate\_free/ folder.

1. **Instruct importance rating:**

Open the “…\_rate-events” file you just created and instruct the subject to first complete an “importance rating”. You may refer to the following instructions:

*“Here you will find the entire story you have just read, separated by events. The first column denotes the event number, and the second column the content of that event.*

*Please go down the list one event at a time. Read the content of an event, and rate on a scale of 1-10 (do NOT put zero) how important you think each event is to the story. Do not over think, and just go with your instinct with how important you feel that event is to the story.*

*Please make sure to hold the same criteria for your ratings throughout all the events. Put your rating in the third column under the title ‘rate\_importance’.*

*Please inform me once you’ve finished with rating all the events. And let me know if you run into any questions.”*

1. **Check rating correct:**

Once subject informs you that he/she/they has finished the importance rating, you should first scroll through the file and make sure that every event has been left with a number in between 1 and 10.

Two types of mistakes often found here: 1) subject skipped some events and left them blank, and 2) subject left a wrong answer (not a number in between 1 and 10, e.g., putting down 0, putting multiple numbers, putting letters, etc.).

If it’s the former, ask them to complete those blanks, and if the latter, ask them to correct their rating, which should be on a scale of 1-10.

1. **Instruct saliency rating:**

Once you’ve confirmed that they have completed the importance rating correctly for all the events, you may go on to instruct the saliency rating:

*“Now let’s come back to the start of the story and go through these events one more time. But this time, you will rate how salient they were to you when you read them for the first time on a scale of 1-10.*

*By salient, we mean how much this event captured your attention when you saw it for the first time. This could be a combination of different feelings—how emotionally aroused you were when you read the event, how interesting you felt the event was, how frustrated you got by the event, how certain components in the event stood out to you in any way, etc. Overall, this is to have you think back to your experience when you first read the event---how salient was that event to you?*

*Again, go down the list event by event while you rate, and make sure to hold the same criteria for your ratings throughout all the events. Put your rating in the next column under the title ‘rate\_saliency’.*

*Please inform me once you’ve finished with rating all the events. And let me know if you run into any questions.”*

1. **Check rating correct and finish up:**

Do step-5 again for saliency rating. Once you checked that all is correct, put this subjects’ file from spr\_data/ to the spr\_data/completed/, and from rate\_free/ to rate\_free/completed/.

Then, inform the subject that the study is now completed. They will receive their SONA credit within the next 24hrs, and that they are free to leave.

To wrap things up from the researcher end, you should go on SONA to grant their research credit within the next 24hrs. Make sure that the test MacBook has been charged during the study. If other lab members are also using it, you should bring it back to our lab space. If you are the only researcher using it, you may keep it in the test space if you find that to be most convenient.