MEMORY TASK APPLICATION - INSTRUCTIONS

What's Included:

You should have the following files/folders inside the extracted folder:

- main.exe   <- The application you will run

- images/   <- Contains all experimental images

- result_output/   <- Where participant data will be saved

- README.txt   <- This instruction file

How to Run the Application:

1. Double-click 'main.exe' to launch the task.

2. A dialog box will appear asking for:

   - Subject ID (e.g., sub01)

   - Session Number (e.g., 1)

   - Task Mode (choose "self_paced" or "fixed")

3. If a data file for that subject/session already exists, the program will ask whether to overwrite it.

4. The memory task will then begin. The participant will see a series of images and respond using the keyboard:

   - Press B if the item is NEW

   - Press N if the item is OLD

   - Press M if the item is SIMILAR

5. After completing the task, the program will automatically return to the initial screen to allow entry for the next participant.

Where to Find the Experimental Data:

All session data are saved in the 'result_output/' folder under each participant's subfolder.

For example:

result_output/

|-- sub01/

   |-- session_1_self_paced.csv

CSV File Format Explanation:

Each '.csv' file contains a row for each trial and includes the following columns:

- trial   : Trial number

- image   : Image filename shown

- type   : Trial type ('old', 'similar', or 'new')

- expected   : Expected correct response label ('N', 'O', or 'M')

- response   : Actual key pressed by participant ('N', 'O', 'M', or 'F' for no response)

- correct   : Whether the response was correct (1 = correct, 0 = incorrect, 'F' = no response)

Tip: Always double-check that a '.csv' file was created after each session!

Questions or bugs?

Contact the developer if you have any issues or questions running the application.