**Practical Exercise 01 - Creating Our First Workflow**

**Exercise Description**

**In this practical exercise, our goal is to create our first workflow.**

**Here are the instructions for the exercise:**

1. **Create a file named 01-building-blocks.yaml under the .github/workflows folder in the root of your repository.**
2. **Name the workflow 01 - Building Blocks.**
3. **Add the following triggers to your workflow:**
   1. **push**
   2. **workflow\_dispatch**
4. **Add two jobs to the workflow:**
   1. **The first job, echo-hello, should run on ubuntu-latest and have a single step, named Say hello, which simply prints the "Hello, World!" message on the screen.**
   2. **The second job, echo-goodbye, should also run on ubuntu-latest and have two steps:**
      1. **The first step, named Failed step, should run a multi-line bash script which prints "I will fail" on the screen and exits with any non-zero code.**
      2. **The second step, named Say goodbye, should simply print "Goodbye!" on the screen.**
5. **Take some time to play around and inspect what happens once a step fails during the workflow execution.**
6. **As a last step, change the first step of the second job to exit with a zero code. You can also adjust the name of the step and the printed message to match the new state.**
   1. **Have a look at how this impacts the workflow execution.**
7. **Change the workflow triggers to contain only workflow\_dispatch to prevent this workflow from running with every push and pollute the list of workflow runs.**

**Tips**

**Executing multi-line bash scripts**

**To execute a multi-line bash script, you can use the following syntax:**

1. **steps:**
2. **- name: Multi-line bash**
3. **run: |**
4. **echo "I am"**
5. **echo "a multi-line"**
6. **echo "script."**