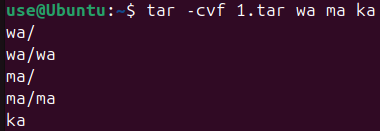


3. Read the TAR command manual and use the following steps in the terminal:

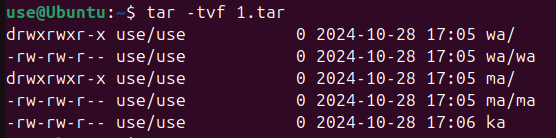
* create a .tar file;



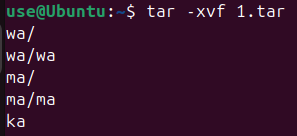
* create a .tar file consisting of several files and directories at a time;



* viewing the content of the file;



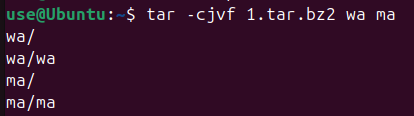
* extract the contents of the TAR file;



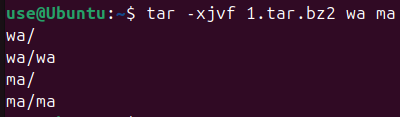
* Create a TAR archive file compressed with BZIP;

To gain ability to use a bzip2 compression I needed firstly to download it via

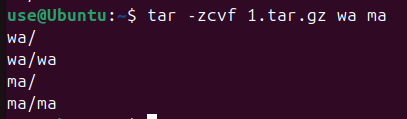
sudo apt install bzip2



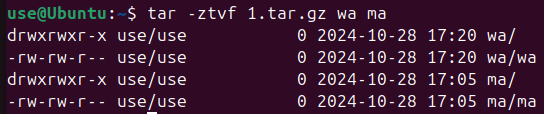
* extract the contents of the Tar Bzip file;



* Create an archive tar file compressed with Gzip;



* TAR GZIP file content.



4. \*How the output streams will be redirected to bash for the following actions with commands (marked as cmd) and files (marked as file):

| **Command** | **What does the team perform?** |
| --- | --- |
| **cmd 1> file** | **Redirects only stdout to the file** |
| **cmd > file** | **Same as cmd 1> file** |
| **cmd 2> file** | **Redirects only stderr to the file** |
| **cmd >> file** | **Adds both, stdout and stderr to the file** |
| **cmd &> file** | **Redirects both, stdout and stderr to the file** |
| **cmd > file 2>&1** | **Redirects stdout to the file, and then redirects stderr to the file descriptor** |
| **cmd >> file 2>&1** | **Same as previous but adds stdout, not writes from scratch** |
| **cmd 2>&1 > /dev/null** | **Redirects both, stdout and stderr to the /dev/null, discarding them** |
| **cmd 2> /dev/null** | **Redirects stderr to the /dev/null, discarding it** |
| **cmd1 | cmd2** | **Pipes the stdout of cmd1 to the stdin of cmd2** |
| **cmd1 2>&1 | cmd2** | **Pipes both stdout and stderr to the stdin of cmd2** |