Your task is to create a bash script for automated backups. Write a script that takes a list of directories as arguments and creates a compressed backup (tarball) of each specified directory. The script should include the current date in the backup filename and store the backups in a designated backup directory.

* The script should accept one or more directory paths as command-line arguments.
* For each specified directory, create a compressed backup file in the format backup\_<directory>\_<date>.tar.gz.
* Place all backup files in a backup directory named backups within the script's working directory.
* Ensure that the script creates the backups directory if it does not exist.
* Display appropriate messages indicating the success or failure of each backup.

Instructions for Students:

* Save the script in a file named backup\_script.sh.
* Make the script executable using the command chmod +x backup\_script.sh.
* Run the script with one or more directory paths as arguments, for example: ./backup\_script.sh **/path/to/dir1 /path/to/dir2.**

Handle all error that might the user take using the script and display a message to indicate to him what he did wrong.