Stashing Changes for Context Switching - Task 6

Git stash : used to save uncommitted work temporarily.

- ➢ **Creating a new branch and making uncommitted changes:**

```
PS C:\Users\karur> git checkout -b new-feature
Switched to a new branch 'new-feature'
PS C:\Users\karur> echo "temporary work" >> file.txt
```

- ➢ **Stashing changes:**

```
PS C:\Users\karur> git stash
Saved working directory and index state WIP on new-feature: a158926 added work on master
```

- ➢ **Switching branches:**

```
PS C:\Users\karur> git checkout master
Switched to branch 'master'
PS C:\Users\karur> echo "working on master branch" >> master.txt
PS C:\Users\karur> git add master.txt
PS C:\Users\karur> git commit -m "added work on master"
[master 36a2f69] added work on master
 1 file changed, 0 insertions(+), 0 deletions(-)
```

- ➢ **Switch back and reapply stash:**

```
PS C:\Users\karur> git checkout new-feature
Switched to branch 'new-feature'
PS C:\Users\karur> git stash pop
```

```
On branch new-feature
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   file.txt
```

- ➢ **Viewing all stashes:**

```
PS C:\Users\karur> git stash list
stash@{0}: WIP on master: 4028e07 Added a line
```

- ➢ **Dropping a specific stash:**

```
PS C:\Users\karur> git stash drop "stash@{0}"
Dropped stash@{0} (eaca9f76dc14d8f2baa38bd68d48f0c4f4774675)
```

➢ **Commands used:**
- git stash – to save current changes in a branch
- git stash pop – to reapply the most recent stash
- git stash list – to show all stashes
- git stash drop – to delete a specific stash