

Module-2-Assignment-1

1. Create a directory in your cluster.

```
bitnami@debian:~$ hdfs dfs -mkdir -p /user/training/new_dir
bitnami@debian:~$ hdfs dfs -ls /user/training/
Found 2 items
drwxr-xr-x   - hadoop supergroup          0 2021-11-09 18:56 /user/training/new_dir
```

2. Create three text files and upload them to the newly created directory in the Hadoop cluster.

```
bitnami@debian:~$ touch bspl{0001..0003}.txt
```

```
bspl0001.txt
bspl0002.txt
bspl0003.txt
```

```
bitnami@debian:~$ hdfs dfs -put /home/bitnami/bspl0001.txt* /home/bitnami/bspl0002.txt* /home/bitnami/bspl0003.txt /user/training/new_dir/
bitnami@debian:~$ hdfs dfs -ls /user/training/new_dir/
Found 3 items
-rw-r--r--   1 hadoop supergroup          0 2021-11-09 19:03 /user/training/new_dir/bspl0001.txt
-rw-r--r--   1 hadoop supergroup          0 2021-11-09 19:03 /user/training/new_dir/bspl0002.txt
-rw-r--r--   1 hadoop supergroup          0 2021-11-09 19:03 /user/training/new_dir/bspl0003.txt
```

3. Download one of these text files to your local directory from the cluster.

```
bitnami@debian:~$ hdfs dfs -get /user/training/new_dir/bspl0001.txt /home/bitnami/training/
```

```
bitnami@debian:~$ ls /home/bitnami/training
bspl0001.txt
```