Sample Usage of artifact.sh Shell Script

1. User clones the git repository to the local environment and copies the artifact.sh file into his/her repositories root directory

   ```
   $ git clone git@github.com: mahela-aws /codefactory.git
   $ cd codefactory
   $ cp /artifact-script-dir/artifact.sh .
   ```

2. He switches to master branch and runs "sh artifact.sh" command

3. User getting prompted as below

   ```
   [Mahelas-MacBook-Air:codefactory mahela$ sh artifact.sh

   Enter your S3 Bucket Name :
   ```

4. User need to enter the bucket name and hit enter. Script will then requests for the access key as below

   ```
   [Mahelas-MacBook-Air:codefactory mahela$ sh artifact.sh

   Enter your S3 Bucket Name : codefactory-bucket

   Enter your Access Key :
   ```

5. User need to enter the access key and hit enter again. Script will then prompt for the secret access key as shown below.

   ```
   Mahelas-MacBook-Air:codefactory mahela$ sh artifact.sh

   Enter your S3 Bucket Name : codefactory-bucket

   Enter your Access Key : AKIAIYN4J3YQ5BISMP5Q

   Enter your Secret Access Key :
   ```

6. User needs to enter the secret access key and hit enter once again.

7. Script then generates the repository tar file and uploads it to the provided S3 bucket as shown below.

```
[Mahelas-MacBook-Air:codefactory mahela$ sh artifact.sh

Enter your S3 Bucket Name : codefactory-bucket

Enter your Access Key : AKIAIYN4J3YQ5BISMP5Q

Enter your Secret Access Key : KPgAkkwmNCxoh8cfSiXDy6LC/vqCwLx0R7eWwbl1

Exporting Credentials...

AWS_ACCESS_KEY_ID : AKIAIYN4J3YQ5BISMP5Q

AWS_SECRET_ACCESS_KEY : KPgAkkwmNCxoh8cfSiXDy6LC/vqCwLx0R7eWwbl1


Getting Repo Name...

codefactory

Getting Branch Name...

master

Pulling Changes from GIT repository...

Already up to date.

Completed Pulling Changes...

Compressing your Repository...

Executing Tar Command : tar cvzf codefactory-master.tar.gz *

Completed Compression...

Uploading your repository to S3 bucket : codefactory-bucket

upload: ./codefactory-master.tar.gz to s3://codefactory-bucket/codefactory-master.tar.gz

Completed uploading to S3 bucket...

Mahelas-MacBook-Air:codefactory mahela$
```

8. Similarly user can switch to another branch and follow the same to upload another branch to an S3 bucket of your choice.