

```
2020-02-15T02:01:28.773Z INFO Ensure step 2 jar file s3://soumyadeep-assignment2/mr-demo-1.0.jar
2020-02-15T02:01:29.486Z INFO StepRunner: Created Runner for step 2
INFO startExec 'hadoop jar /mnt/var/lib/hadoop/steps/s-2UOSD9B7MP4SR/mr-demo-1.0.jar
wc.ReduceSideJoin s3://soumyadeep-assignment2/maininput s3://soumyadeep-assignment2/red-output 20000'
INFO Environment:
  PATH=/sbin:/usr/sbin:/bin:/usr/bin:/usr/local/sbin:/opt/aws/bin
  LESS_TERMCAP_md=[01;38;5;208m
  LESS_TERMCAP_me=[0m
  HISTCONTROL=ignoredups
  LESS_TERMCAP_mb=[01;31m
  AWS_AUTO_SCALING_HOME=/opt/aws/apitools/as
  UPSTART_JOB=rc
  LESS_TERMCAP_se=[0m
  HISTSIZE=1000
  HADOOP_ROOT_LOGGER=INFO,DRFA
  JAVA_HOME=/etc/alternatives/jre
  AWS_DEFAULT_REGION=us-east-1
  AWS_ELB_HOME=/opt/aws/apitools/elb
  LESS_TERMCAP_us=[04;38;5;111m
  EC2_HOME=/opt/aws/apitools/ec2
  TERM=linux
  runlevel=3
  LANG=en_US.UTF-8
  AWS_CLOUDWATCH_HOME=/opt/aws/apitools/mon
  MAIL=/var/spool/mail/hadoop
  LESS_TERMCAP_ue=[0m
  LOGNAME=hadoop
  PWD=/
  LANGSH_SOURCED=1
  HADOOP_CLIENT_OPTS=-Djava.io.tmpdir=/mnt/var/lib/hadoop/steps/s-2UOSD9B7MP4SR/tmp
  _=/etc/alternatives/jre/bin/java
  CONSOLETYPE=serial
  RUNLEVEL=3
  LESSOPEN=||/usr/bin/lesspipe.sh %s
  previous=N
  UPSTART_EVENTS=runlevel
  AWS_PATH=/opt/aws
  USER=hadoop
  UPSTART_INSTANCE=
  PREVLEVEL=N
  HADOOP_LOGFILE=syslog
  PYTHON_INSTALL_LAYOUT=amzn
  HOSTNAME=ip-172-31-65-239
  HADOOP_LOG_DIR=/mnt/var/log/hadoop/steps/s-2UOSD9B7MP4SR
  EC2_AMITool_HOME=/opt/aws/amitools/ec2
  EMR_STEP_ID=s-2UOSD9B7MP4SR
  SHLVL=5
  HOME=/home/hadoop
  HADOOP_IDENT_STRING=hadoop
INFO redirectOutput to /mnt/var/log/hadoop/steps/s-2UOSD9B7MP4SR/stdout
INFO redirectError to /mnt/var/log/hadoop/steps/s-2UOSD9B7MP4SR/stderr
INFO Working dir /mnt/var/lib/hadoop/steps/s-2UOSD9B7MP4SR
INFO ProcessRunner started child process 7993
2020-02-15T02:01:29.517Z INFO HadoopJarStepRunner.Runner: startRun() called for s-2UOSD9B7MP4SR Child Pid: 7993
INFO Synchronously wait child process to complete : hadoop jar /mnt/var/lib/hadoop/steps/s-2UOSD9B7...
INFO waitProcessCompletion ended with exit code 0 : hadoop jar /mnt/var/lib/hadoop/steps/s-2UOSD9B7...
INFO total process run time: 330 seconds
2020-02-15T02:06:59.602Z INFO Step created jobs:
```

job_1581732032450_0001,job_1581732032450_0002,job_1581732032450_0003

2020-02-15T02:06:59.602Z INFO Step succeeded with exitCode 0 and took 330 seconds