**OUTPUTS HW $ 4 Srm.java**

**CS 211S Golovko Irina**

1. **Creating bucket**

**checking directory**

irinas-MBP:CS211S irinagolovko$ ls -la

total 656

drwxr-xr-x 10 irinagolovko staff 340 Oct 14 22:15 .

drwx------+ 54 irinagolovko staff 1836 Oct 14 22:15 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 14 22:11 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 2926 Oct 14 22:15 Srm.class

-rw-r--r--@ 1 irinagolovko staff 3668 Oct 14 22:14 Srm.java

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 dog.docx

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 help.docx

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 hero.docx

**checking directory after deleting file dog.docx using options -i**

irinas-MBP:CS211S irinagolovko$ java Srm -i dog.docx

Do you want to delete /Users/irinagolovko/Desktop/CS211S/dog.docx

yes

added manifest

adding: dog.docx(in = 78438) (out= 66135)(deflated 15%)

Bucket /Users/irinagolovko/Desktop/CS211S/.ResycleBin.jar created.

File dog.docx successfully deleted

irinas-MBP:CS211S irinagolovko$ ls -la

total 792

drwxr-xr-x 11 irinagolovko staff 374 Oct 14 22:21 .

drwx------+ 53 irinagolovko staff 1802 Oct 14 22:20 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 14 22:19 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 66584 Oct 14 22:21 .ResycleBin.jar

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 2940 Oct 14 22:21 Srm.class

-rw-r--r--@ 1 irinagolovko staff 3673 Oct 14 22:20 Srm.java

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 help.docx

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 hero.docx

**checking jar**

irinas-MBP:CS211S irinagolovko$ jar -tvf .ResycleBin.jar

0 Sat Oct 14 22:21:40 PDT 2017 META-INF/

68 Sat Oct 14 22:21:40 PDT 2017 META-INF/MANIFEST.MF

78438 Sun Oct 08 22:44:38 PDT 2017 dog.docx

1. **deleting not existing file**

irinas-MBP:CS211S irinagolovko$ java Srm /Users/irinagolovko/Desktop/CS211S/ need.txt

File need.txt doesn't exist.

1. **deleting file cat.docx without write permission**

irinas-MBP:CS211S irinagolovko$ chmod u=r cat.docx

irinas-MBP:CS211S irinagolovko$ java Srm /Users/irinagolovko/Desktop/CS211S/cat.docx

We cannot delete file cat.docx. Check the permission.

irinas-MBP:CS211S irinagolovko$

**4) deleting files help.docx hero.docx when bucket already exist**

irinas-MBP:CS211S irinagolovko$ java Srm /Users/irinagolovko/Desktop/CS211S/help.docx /Users/irinagolovko/Desktop/CS211S/hero.docx

file help.docx added to Bucket.

File help.docx successfully deleted

file hero.docx added to Bucket.

File hero.docx successfully deleted

**Checking directory:**

irinas-MBP:CS211S irinagolovko$ ls -la

total 728

drwxr-xr-x 9 irinagolovko staff 306 Oct 14 22:53 .

drwx------+ 55 irinagolovko staff 1870 Oct 14 22:25 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 14 22:44 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 199074 Oct 14 22:53 .ResycleBin.jar

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 2979 Oct 14 22:24 Srm.class

-rw-r--r--@ 1 irinagolovko staff 3680 Oct 14 22:23 Srm.java

-r--------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

**checking jar.file**

irinas-MBP:CS211S irinagolovko$ jar -tvf .ResycleBin.jar

0 Sat Oct 14 22:21:40 PDT 2017 META-INF/

68 Sat Oct 14 22:21:40 PDT 2017 META-INF/MANIFEST.MF

78438 Sun Oct 08 22:44:38 PDT 2017 dog.docx

78438 Sun Oct 08 22:44:38 PDT 2017 help.docx

78438 Sun Oct 08 22:44:38 PDT 2017 hero.docx

irinas-MBP:CS211S irinagolovko$

**5)deleting files, which already in the bucket**

**checking jarfile**

irinas-MBP:CS211S irinagolovko$ jar -tvf .ResycleBin.jar

0 Sun Oct 15 12:44:20 PDT 2017 META-INF/

68 Sun Oct 15 12:44:20 PDT 2017 META-INF/MANIFEST.MF

78438 Sun Oct 08 22:44:38 PDT 2017 need.docx

78438 Sun Oct 08 22:44:38 PDT 2017 need3.docx

78438 Sun Oct 08 22:44:38 PDT 2017 needneed.docx

78438 Sun Oct 08 22:44:38 PDT 2017 er.docx

**checking directory:**

irinas-MBP:CS211S irinagolovko$ ls -la

total 1056

drwxr-xr-x 13 irinagolovko staff 442 Oct 15 17:22 .

drwx------+ 44 irinagolovko staff 1496 Oct 15 17:22 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 15 17:22 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 265327 Oct 15 16:46 .ResycleBin.jar

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2355 Oct 15 16:30 Mrs.class

-rw-r--r--@ 1 irinagolovko staff 3934 Oct 15 16:29 Mrs.java

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 3681 Oct 15 16:46 Srm.class

-rw-r--r--@ 1 irinagolovko staff 5080 Oct 15 17:18 Srm.java

-rw-r--r--@ 1 irinagolovko staff 5380 Oct 15 17:04 Srm2.java

-r--------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

-rw-------@ 1 irinagolovko staff 78438 Oct 8 22:44 need.docx

irinas-MBP:CS211S irinagolovko$

irinas-MBP:CS211S irinagolovko$ java Srm need.docx

need.docx already exist in the archive.

Do you want to overwrite need.docx in the archive?

no

Before deleting file need.docx you should rename it.

irinas-MBP:CS211S irinagolovko$ java Srm need.docx

need.docx already exist in the archive.

Do you want to overwrite need.docx in the archive?

yes

File need.docx were overwritten in the archive.

File need.docx successfully deleted

**Checking directory and jar file:**

irinas-MBP:CS211S irinagolovko$ ls -la

total 896

drwxr-xr-x 12 irinagolovko staff 408 Oct 15 17:29 .

drwx------+ 44 irinagolovko staff 1496 Oct 15 17:22 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 15 17:26 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 265327 Oct 15 17:29 .ResycleBin.jar

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2355 Oct 15 16:30 Mrs.class

-rw-r--r--@ 1 irinagolovko staff 3934 Oct 15 16:29 Mrs.java

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 3550 Oct 15 17:29 Srm.class

-rw-r--r--@ 1 irinagolovko staff 5129 Oct 15 17:29 Srm.java

-rw-r--r--@ 1 irinagolovko staff 5380 Oct 15 17:04 Srm2.java

-r--------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

irinas-MBP:CS211S irinagolovko$ jar -tvf .ResycleBin.jar

0 Sun Oct 15 12:44:20 PDT 2017 META-INF/

68 Sun Oct 15 12:44:20 PDT 2017 META-INF/MANIFEST.MF

78438 Sun Oct 08 22:44:38 PDT 2017 need.docx

78438 Sun Oct 08 22:44:38 PDT 2017 need3.docx

78438 Sun Oct 08 22:44:38 PDT 2017 needneed.docx

78438 Sun Oct 08 22:44:38 PDT 2017 er.docx

irinas-MBP:CS211S irinagolovko$

**OUTPUTS HW $ 4 Mrs.java**

**Student CS 211S Irina Golovko**

1. **Restore file**

**Checking directory:**

irinas-MBP:CS211S irinagolovko$ ls -la

total 1304

drwxr-xr-x 12 irinagolovko staff 408 Oct 15 02:45 .

drwx------+ 48 irinagolovko staff 1632 Oct 15 02:21 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 15 02:45 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 394862 Oct 15 01:12 .ResycleBin.jar

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2355 Oct 15 02:40 Mrs.class

-rw-r--r--@ 1 irinagolovko staff 3847 Oct 15 02:39 Mrs.java

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 2946 Oct 15 01:05 Srm.class

-rw-r--r--@ 1 irinagolovko staff 3719 Oct 15 01:05 Srm.java

-r--------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

-rw-------@ 1 irinagolovko staff 86177 Mar 18 2017 java\_exer1.docx

irinas-MBP:CS211S irinagolovko$

**restore file:**

irinas-MBP:CS211S irinagolovko$ java Mrs /Users/irinagolovko/Desktop/CS211S/dog.docx

inflated: dog.docx

File dog.docx successfully restored.

irinas-MBP:CS211S irinagolovko$ ls -la

total 1464

drwxr-xr-x 13 irinagolovko staff 442 Oct 15 02:47 .

drwx------+ 48 irinagolovko staff 1632 Oct 15 02:21 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 15 02:45 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 394862 Oct 15 01:12 .ResycleBin.jar

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2355 Oct 15 02:40 Mrs.class

-rw-r--r--@ 1 irinagolovko staff 3847 Oct 15 02:39 Mrs.java

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 2946 Oct 15 01:05 Srm.class

-rw-r--r--@ 1 irinagolovko staff 3719 Oct 15 01:05 Srm.java

-r--------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

-rw-r--r-- 1 irinagolovko staff 78438 Oct 8 22:44 dog.docx

-rw-------@ 1 irinagolovko staff 86177 Mar 18 2017 java\_exer1.docx

irinas-MBP:CS211S irinagolovko$

1. **restore already exist in the system file from the jar archive**

irinas-MBP:CS211S irinagolovko$ java Mrs /Users/irinagolovko/Desktop/CS211S/dog.docx

dog.docx already exist in this location.

Please rename old version of file for restoring new one.

dog1.docx

Now old version of file is: dog1.docx

inflated: dog.docx

File dog.docx successfully restored.

**check directory:**

irinas-MBP:CS211S irinagolovko$ ls -la

total 1624

drwxr-xr-x 14 irinagolovko staff 476 Oct 15 02:51 .

drwx------+ 48 irinagolovko staff 1632 Oct 15 02:21 ..

-rw-r--r--@ 1 irinagolovko staff 6148 Oct 15 02:45 .DS\_Store

-rw-r--r-- 1 irinagolovko staff 394862 Oct 15 01:12 .ResycleBin.jar

-rw-r--r-- 1 irinagolovko staff 67013 Oct 14 00:37 I need help.zip

-rw-r--r-- 1 irinagolovko staff 2355 Oct 15 02:40 Mrs.class

-rw-r--r--@ 1 irinagolovko staff 3884 Oct 15 02:50 Mrs.java

-rw-r--r-- 1 irinagolovko staff 2963 Oct 14 22:13 S1.class

-rw-r--r-- 1 irinagolovko staff 2946 Oct 15 01:05 Srm.class

-rw-r--r--@ 1 irinagolovko staff 3719 Oct 15 01:05 Srm.java

-r--------@ 1 irinagolovko staff 78438 Oct 8 22:44 cat.docx

-rw-r--r-- 1 irinagolovko staff 78438 Oct 8 22:44 dog.docx

-rw-r--r-- 1 irinagolovko staff 78438 Oct 8 22:44 dog1.docx

-rw-------@ 1 irinagolovko staff 86177 Mar 18 2017 java\_exer1.docx

irinas-MBP:CS211S irinagolovko$

**check jar.file:**

irinas-MBP:CS211S irinagolovko$ jar -tvf .ResycleBin.jar

0 Sun Oct 15 00:45:26 PDT 2017 META-INF/

68 Sun Oct 15 00:45:26 PDT 2017 META-INF/MANIFEST.MF

78438 Sun Oct 08 22:44:38 PDT 2017 dog.docx

78438 Sun Oct 08 22:44:38 PDT 2017 help.docx

78438 Sun Oct 08 22:44:38 PDT 2017 hero.docx

irinas-MBP:CS211S irinagolovko$

1. **trying to restore file which jar archive doesn’t have**

irinas-MBP:CS211S irinagolovko$ java Mrs 1.txt

Jar archive doesn't have file 1.txt

irinas-MBP:CS211S irinagolovko$ jar -tvf .ResycleBin.jar

0 Sun Oct 15 00:45:26 PDT 2017 META-INF/

68 Sun Oct 15 00:45:26 PDT 2017 META-INF/MANIFEST.MF

78438 Sun Oct 08 22:44:38 PDT 2017 dog.docx

78438 Sun Oct 08 22:44:38 PDT 2017 help.docx

78438 Sun Oct 08 22:44:38 PDT 2017 hero.docx