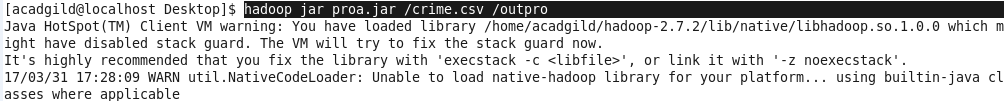
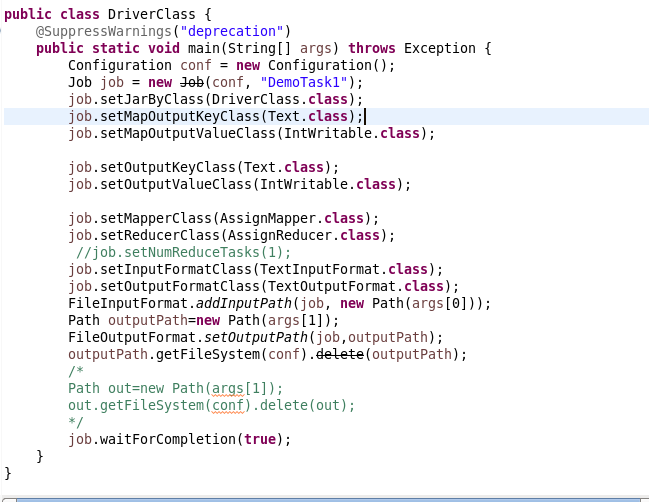
1.

**Using Map Reduce:**

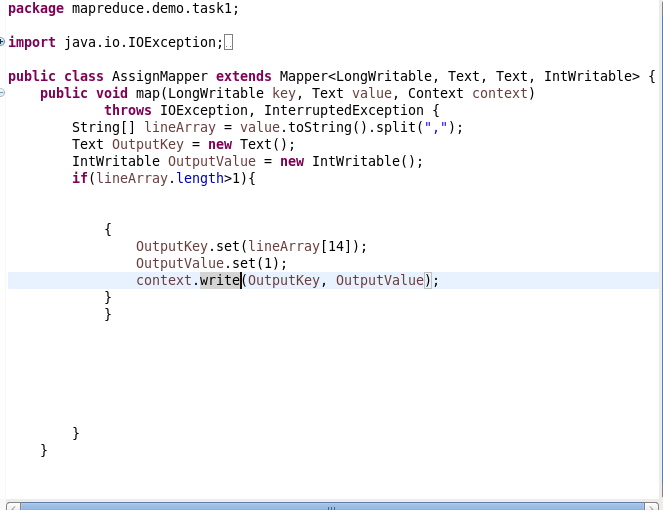
Command:



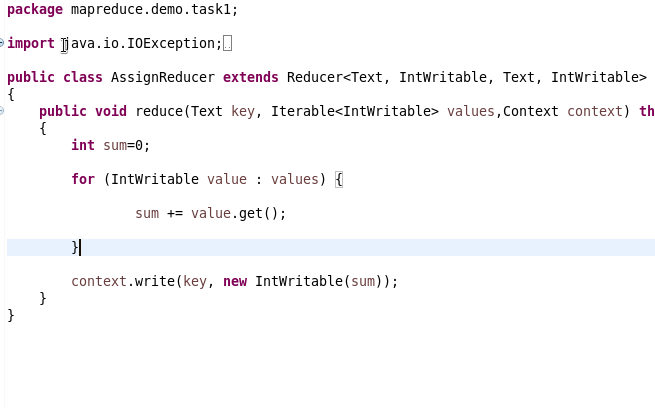
**Driver:**

****

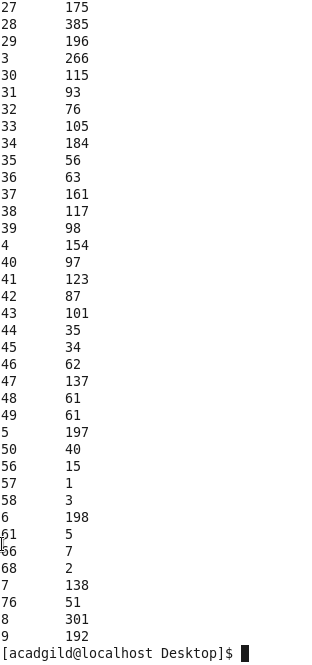
**Mapper:**

****

**Reducer:**

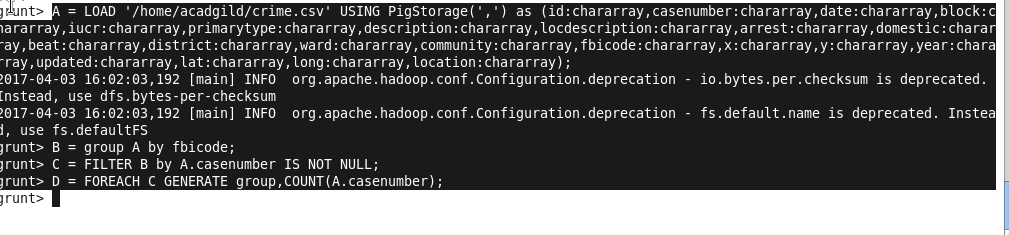
****

**Output:**

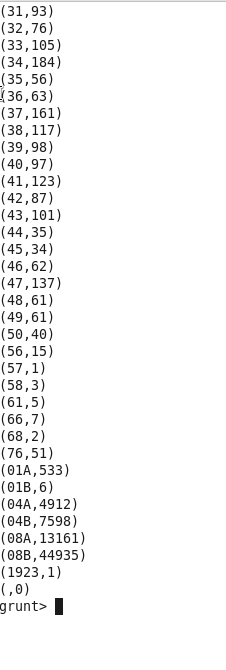


**Using Pig:**

**Command:**

****

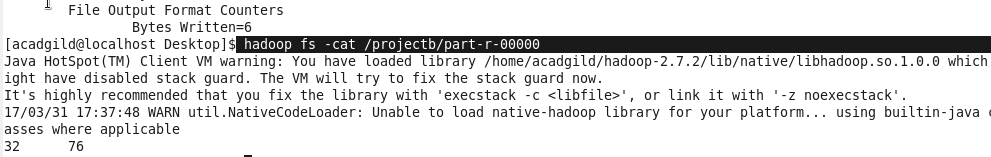
**Output:**

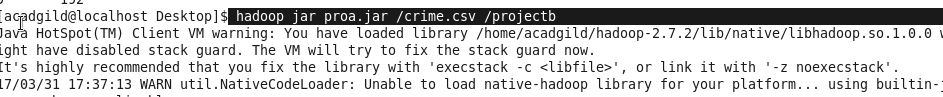
****

**2.**

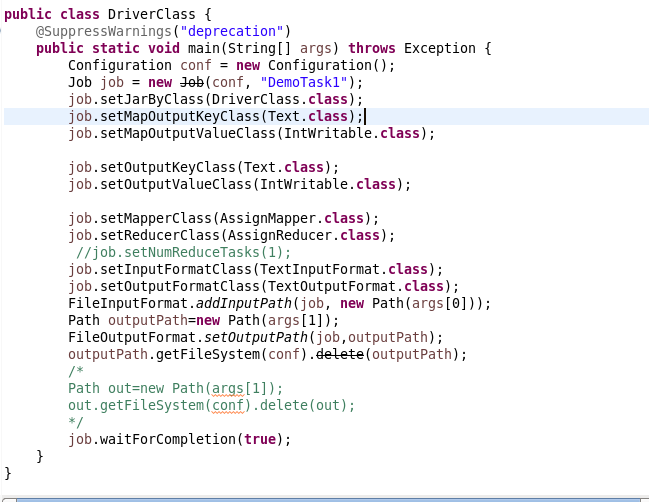
**Using Map Reduce**:

Command:

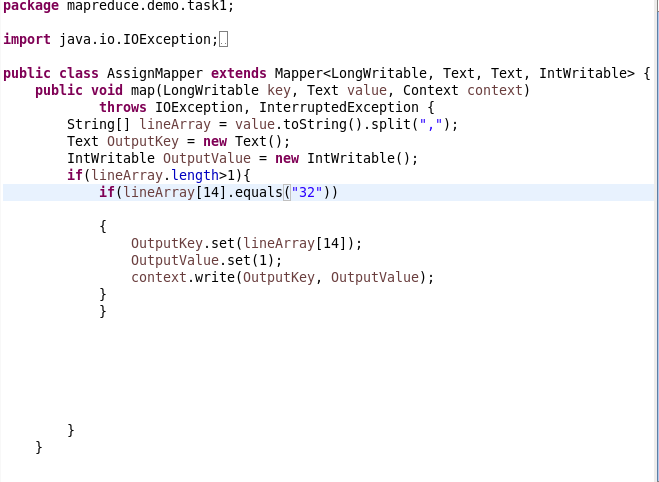




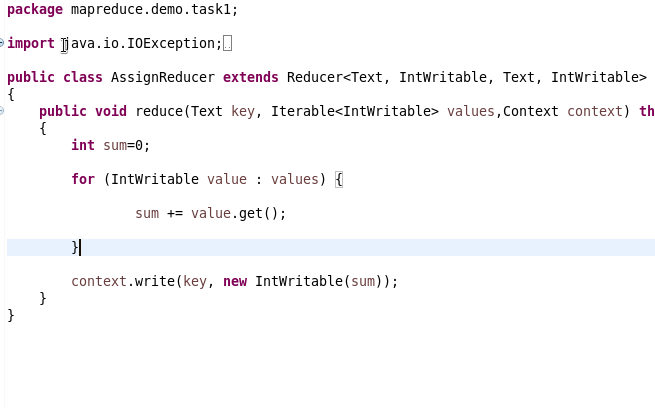
**Driver:**

****

**Mapper:**



**Reducer:**

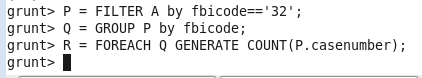
****

**Output:**

C:\Users\613000\Desktop\projectboutput.PNG

**Using Pig:**

Commands:

****

**Output:**

**C:\Users\613000\Desktop\project2pigout.PNG**

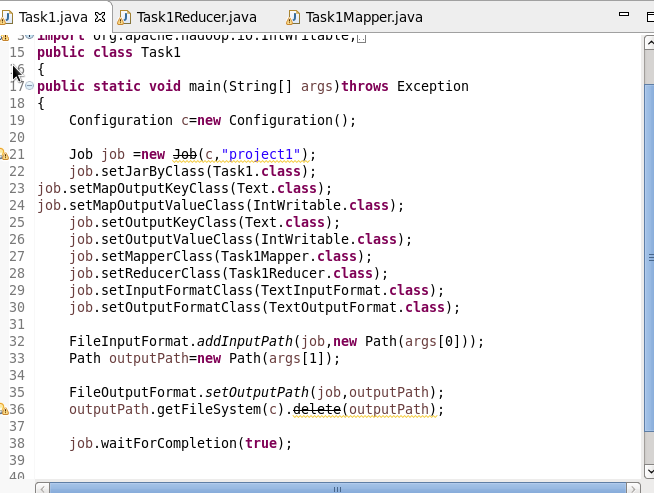
**3.**

**Using Map Reduce:**

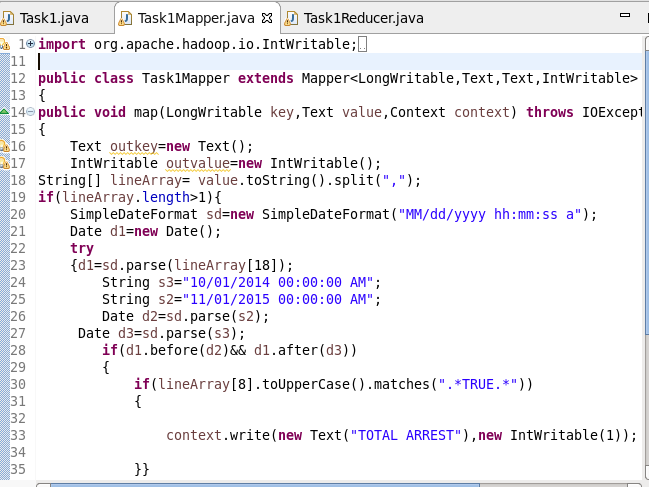
Command:

C:\Users\613000\Desktop\projectccmd.PNG

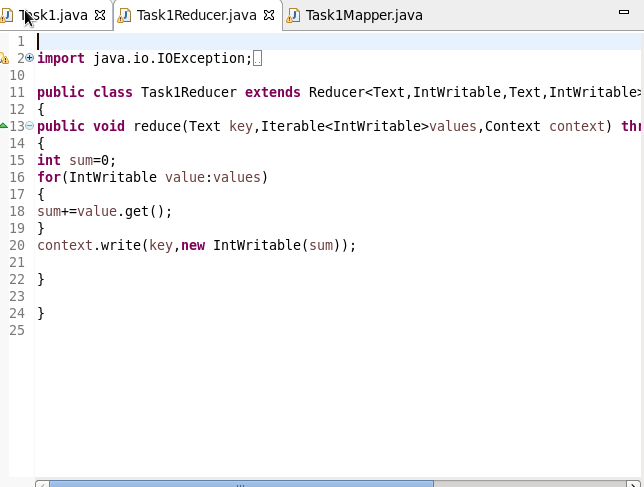
**Driver:**

****

**Mapper:**

****

**Reducer:**

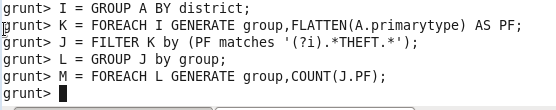


**Output:**

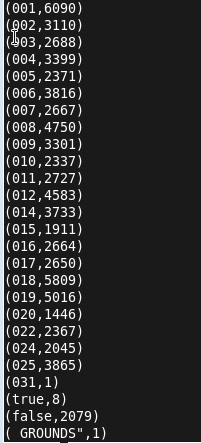


**Using Pig:**

Commands:

****

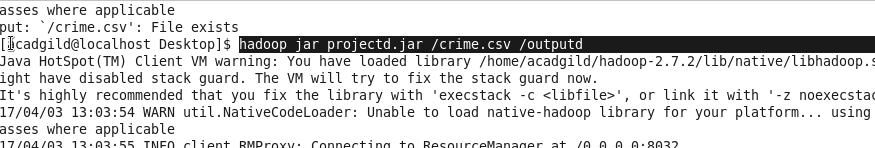
**Output:**

****

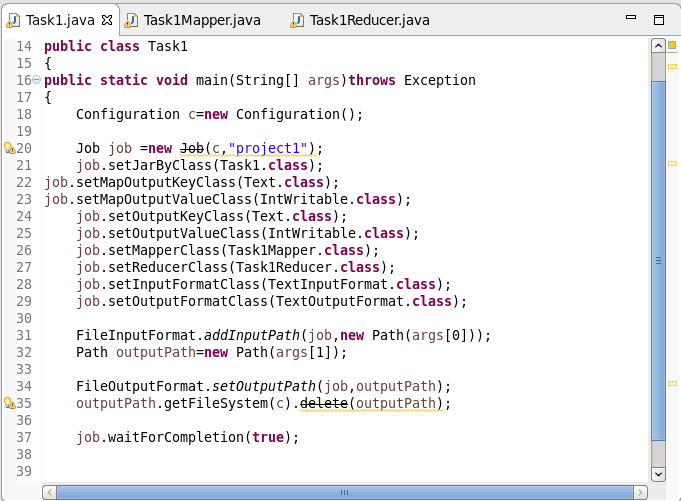
**4.**

**Using Map Reduce:**

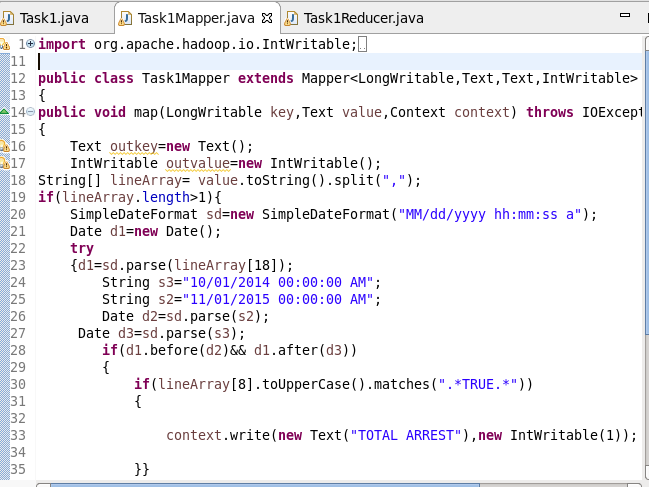
Command:



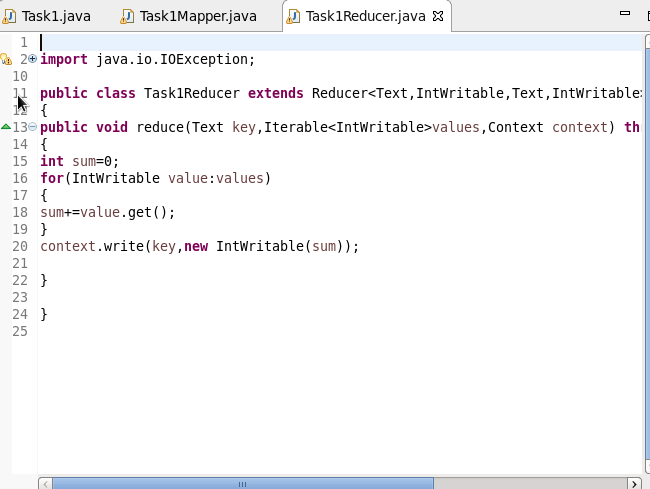
**Driver:**

****

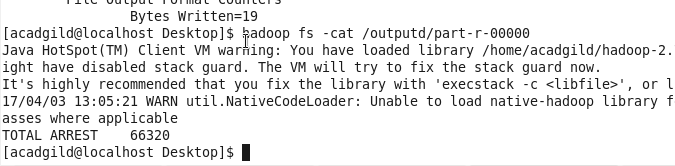
**Mapper:**

****

**Reducer:**

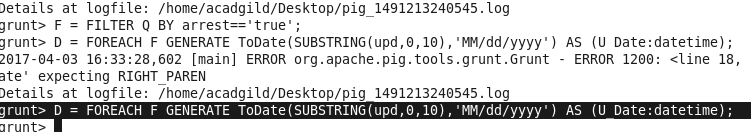
****

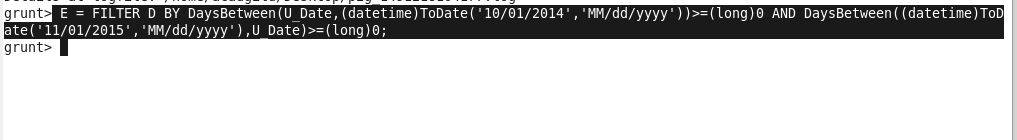
**Output:**



**Using Pig:**

Commands:





**Output:**

