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# Shell script interview Q&A for Java developers

Posted on [October 7, 2014](#) by [Arulkumaran Kumaraswamipillai](#)

Q1 How will you go about reading a CSV file as shown below?

```

1 Portfolio,Account,PositionIndicator,Amount
2 AA123,CURR-AUD,CREDIT,2244.14000000
3 AA123,CURR-AUD,CREDIT,5.60000000
4 AA123,CURR-AUD,DEBIT,2249.74000000
5 AA123,CURR-GBP,CREDIT,0.01000000
6 AA123,CURR-GBP,DEBIT,0.01000000

```

A1

```

1 #!/bin/bash
2
3 # $$ means number of arguments supplied to the c
4 if [ $# != 1 ]; then
5     echo "Usage: $0 input-file"
6     exit 1
7 else
8     infile=$1
9 fi
10
11 # assign file descriptor 3 to input file
12 exec 3< $infile
13
14 # read till the end of the file

```

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```

15 until [ $done ]
16 do
17     read <&3 myline
18     # $? is the exit code, and 0 means success and !
19     if [ $? != 0 ]; then
20         done=1
21         continue
22     fi
23
24     # process file data line-by-line in here
25
26     echo $myline
27 done

```

Q2 How will you read and then write to another file?

```

1 Portfolio,Account,PositionIndicator,Amount
2 AA123,CURR-AUD,CREDIT,2244.14000000
3 AA123,CURR-AUD,CREDIT,5.60000000
4 AA123,CURR-AUD,DEBIT,2249.74000000
5 AA123,CURR-GBP,CREDIT,0.01000000
6 AA123,CURR-GBP,DEBIT,0.01000000

```

A2

```

1 #!/bin/bash
2
3 # $# means number of arguments supplied to the c
4 if [ $# != 2 ]; then
5     # $0 is the script name $1 is input file an
6     echo "Usage: $0 input-file output-file"
7     exit 1
8 else
9     infile=$1
10 fi
11
12 # assign file descriptor 3 to input file
13 exec 3< $infile
14
15 # read till the end of the file
16 until [ $done ]
17 do
18     read <&3 myline
19     # $? is the exit code, and 0 means success and !
20     if [ $? != 0 ]; then
21         done=1
22         continue
23     fi
24
25     # process file data line-by-line
26
27     # append to output file. If you run it more
28     echo $myline >> $2
29 done

```

Q3 How will you read the file and then write...

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