

פתרון תרגיל בית מספר 8 (סמסטר חורף 2014)

להלן תוכן 5 הקבצים P8.1-P8.5.

P8.1

```
sed '/^\([^\ ]\+\[^\ ]\+\)\{3\}\([^\ ]\+\[^\ ]*\$/!d' $1>|temp
sed 's/^\([^\ ]\+\[^\ ]\+\)/\1 & &/' temp
```

P8.2

```
sed -e '/'$1'/d' -e 's/\([^\ ]\+\[^\ ]\+\)$/\1 & &/' $2
```

P8.3

```
sed '/\<[^\ ]\{3\}\>/s/\<\([^\ ]\)\([^\ ]\)\([^\ ]\)\>/\3\2\1/g' $1
```

P8.4

```
#!/bin/bash
file=$1
shift
x=""
for z in $@
do
    x=$x%"$z"s"
done
for i in $(seq $#)
do
    y=$y,\$$i
done
cat $file |awk '{printf "$x\n"$y}'
```

P8.5

```
#!/bin/bash
echo -n ">|tmp
tr -s " " <$1>|temp
read line<$1
cols=$(echo $line |wc -w)
for i in $(seq $cols)
do
    sumcols=$(cut -d " " -f$i temp | tr "\n" "+")
    echo | awk '{print "$sumcols'0}'>>tmp
    x=$(cat tmp)
done
echo $x

#awk '{total += $2}END{ print total}' $1
```