

פתרון תרגיל בית מספר 7 (סמסטר חורף 2015)

להלן תוכן 4 הקבצים P7.1-P7.4.

P7.1

```
echo -n "$(echo $(echo $1 | egrep -o . | uniq -c | sort -n | tail
-1) | cut -d" " -f1) "
haz=$(echo $(echo $1 | egrep -o . | uniq -c | sort -n | tail -1) |
cut -d" " -f1)
echo $1 | egrep -o . | uniq -c | sort -n | egrep "$haz[ ]" | cut
-c 9 | uniq | sort | tr "\n" " "
echo
```

P7.2

```
for word in $*
do
  echo $word | egrep -w "(([a-z]+[0-9]+)\2)+"
done
```

P7.3

```
echo -n "" >| temp7.3
for char in {a..z}
do
  echo $char >> temp7.3
done
for char in {A..Z}
do
  echo $char >> temp7.3
done
for char in {0..9}
do
  echo $char >> temp7.3
done
echo $(cat -n temp7.3 | egrep "$1$" ) | cut -d" " -f1
```

P7.4

```
sum=0
string=$(echo $1 | egrep -o . | tr "\n" " ")
for char in $string
do
  sum=$((sum+$(P7.3 $char))
done
echo $sum
```