

Lab-11

① Shell program on paste cmd
\$paste -d " " state.sh Capital.sh

O/P:-

Arunachal Itanagar
Assam Diapur
Andhra Hyderabad
Bihar Patna.

② Sort

\$sort Capital.sh

Diapur
Hyderabad
Itanagar
Patna

\$sort -r Capital.sh

Patna
Itanagar
Hyderabad
Diapur.

\$sort -k1 Capital.sh (sort I column)

Diapur
Diapur
Hyderabad
Itanagar
Patna

\$sort -u Capital.sh (sort & remove duplicate)

Diapur
Hyderabad
Itanagar
Patna

③ Demo of Uniq and tr Cmd

\$ uniq -c capital.sh

1. Itanagar

2 Diapur

4 Hyderabad

3 Patna

\$ cat capital.sh | tr [a-z] [A-Z]

ITANAGAR

DIAPUR

HYDERABAD

PATNA

④ W A C program

\$ nano env.c
#include <stdio.h>

int main(int argc, char* argv[])
{

int i;

char **ptr;

extern char **environ;

for(ptr=environ; *ptr!=0; ptr++) /*echo all env strings*/

printf("%s\n", *ptr);

return 0;

}

\$ gcc env.c

\$./a.out

\$ gcc env.c -o abc

\$./abc

✓
O/P
9/1/23