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USP LAB

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1) # !bin/sh

echo "Enter filename : \c"

read fname

S= "" to -cd" [aeiou AFIUW] " < \$fname /wc -c"

echo \$ S

2) if [\$# -ne 2]

then

echo "Enter filename"

elif [! -e \$1 -o ! -e \$2]

then

echo "file does not exist"

else

P1 = 'ls -l \$1 | cut -c 9-10'

P2 = 'ls -l \$2 | cut -c 9-10'

if [\$P1 == \$P2]

then

echo "files are identical with permission \$P2"

else

echo "files are not identical in \$1 Permission:

\$P2 in \$2 permission : \$P2 "

fi

fi

①

chf.

```
if (stats.st_mode & S_IRGRP)
    printf("r");
```

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```
else
```

```
    printf("-");
```

```
if (stats.st_mode & S_IWGRP)
    printf("w");
```

```
else
```

```
    printf("-");
```

```
if (stats.st_mode & S_IXGRP)
    printf("x");
```

```
else
```

```
    printf("-");
```

```
    printf("t");
```

```
if (stats.st_mode & S_IROTH)
    printf("r");
```

```
else
    printf("-");
```

```
if (stats.st_mode & S_IWOTH)
    printf("w");
```

```
else
    printf("-");
```

```
if (stats.st_mode & S_IXOTH)
    printf("x");
```

```
else
```

```
    printf("-");
```

```
Printf("\n FileSize: %d", stats.st_size);
```

```
printf("\n Number of units: %d", stats.st_nlink);
```

②

Ulf.

Printf ("In File name Number: It %ld", stats.st_ino);

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dl = + (gmtime (&stats.st_mtime));

Printf ("In file created on: It %d-%d-%d It %d:%d:%d",

dl.tm_mday, dl.tm_mon, dl.tm_year+1900,

dl.tm_hour, dl.tm_min, dl.tm_sec);

dl = + (gmtime (&stats.st_mtime));

Printf ("In File last modified on: It %d-%d-%d It %d:
%d:%d",

dl.tm_mday, dl.tm_mon, dl.tm_year+1900, dl.tm_
hour, dl.tm_min, dl.tm_sec);

}

int main()

{

char path[1000];

struct stat stats;

printf ("Enter file path:");

scanf ("%s", path);

if (stat(path, &stats) == 0)

{

printf File Properties(stats);

}

else

{

printf ("unable to Get File Properties");

printf ("In Check file exists %s file exist", path);

}