```
[admin@hostname01 scripts]$ cd
[admin@hostname01 ~]$ ls
aa.c   add.c    chap1  chap9  chapz    data.txt  demofile  Documents  errorlog.txt  f2.unix  fitle.txt  hourly_date.log  lsdoc  myfile  net.txt    Pictures  scripts    users
a.c    Backups  chap2  chapa  data1.txt  demo    Desktop   Downloads  f1.unix       f3.unix  friends    kk.c             Music  nato    newfriend  Public    Templates  Videos
[admin@hostname01 ~]$ cd scripts
[admin@hostname01 scripts]$ ls
backup.log   backup.sh
[admin@hostname01 scripts]$ chmod +x backup.sh
[admin@hostname01 scripts]$ crontab -e
crontab: installing new crontab
[admin@hostname01 scripts]$ nano backup.sh
[admin@hostname01 scripts]$ backup.sh
bash: backup.sh: command not found...
[admin@hostname01 scripts]$ ~/scripts/backup.sh
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_21-25-52
[admin@hostname01 scripts]$
```



```
GNU nano 5.6.1                                          backup.sh
#!/bin/bash
# Define the source directory and backup location
SOURCE_DIR="$HOME/Documents"
BACKUP_DIR="$HOME/Backups"

# Ensure the backup directory exists
mkdir -p "$BACKUP_DIR"

# Create a timestamped backup
TIMESTAMP=$(date +"%Y-%m-%d_%H-%M-%S")
tar -czf "$BACKUP_DIR/backup_$TIMESTAMP.tar.gz" "$SOURCE_DIR"

echo "Backup completed at $TIMESTAMP"
```



```
admin@hostname01:~/scripts
Backup completed at 2025-01-13_21-25-52
[admin@hostname01 scripts]$ cat ~/scripts/backup.log
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-05-02
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-10-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-15-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-20-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-25-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-30-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-35-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-40-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-45-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-50-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_20-55-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_21-00-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_21-05-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_21-10-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_21-15-01
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_21-20-02
tar: Removing leading `/' from member names
Backup completed at 2025-01-13_21-25-01
```