

## Step 1

```
(student@kali.example.com)-[~]  
└─$ sudo useradd -m Alice
```

## Step 2

```
(student@kali.example.com)-[~]  
└─$ vi backup.sh  
  
(student@kali.example.com)-[~]  
└─$ chmod a+x backup.sh  
  
(student@kali.example.com)-[~]  
└─$ ./backup.sh
```

## Step 2 Script

```
#!/bin/bash  
  
echo "MIDAS name: "  
read MIDAS  
  
echo "Current Date: "  
read DATE  
  
filename=$MIDAS-$DATE.tar  
  
sudo tar -cvf $filename /home/Alice  
  
sudo mv $filename /var/backups/  
  
sudo gzip /var/backups/$filename  
  
echo "Backup complete."
```

## Step 2 Output

```
(student@kali.example.com)-[~]
└─$ ./backup.sh
MIDAS name:
Jsamo006
Current Date:
11.9.2025
tar: Removing leading `/' from member names
/home/Alice/
/home/Alice/.docker/
/home/Alice/.docker/config.json
/home/Alice/.face
/home/Alice/.java/
/home/Alice/.java/.userPrefs/
/home/Alice/.java/.userPrefs/burp/
/home/Alice/.java/.userPrefs/burp/prefs.xml
/home/Alice/.bashrc.original
/home/Alice/.zshrc
/home/Alice/.config/
/home/Alice/.config/xfce4/
/home/Alice/.config/xfce4/panel/
/home/Alice/.config/xfce4/panel/genmon-15.rc
/home/Alice/.config/nautilus/
/home/Alice/.config/nautilus/scripts-accel
/home/Alice/.config/cherrytree/
/home/Alice/.config/cherrytree/config.cfg
/home/Alice/.config/powershell/
/home/Alice/.config/powershell/Microsoft.PowerShell_profile.ps1
/home/Alice/.profile
/home/Alice/.local/
/home/Alice/.local/share/
/home/Alice/.local/share/nautilus/
/home/Alice/.local/share/nautilus/scripts/
/home/Alice/.local/share/nautilus/scripts/Terminal
/home/Alice/.local/bin/
/home/Alice/.zprofile
/home/Alice/.face.icon
/home/Alice/.bashrc
/home/Alice/.bash_logout
gzip: /var/backups/Jsamo006-11.9.2025.tar.gz already exists; do you wish to overwrite (y or n)? y
Backup complete.
```

## Step 3

```
(student@kali.example.com)-[~]
└─$ crontab -e
crontab: installing new crontab

└─$ ls /var/backups
Jsamo006-11.9.2025.tar.gz  dpkg.arch.3.gz          dpkg.statoverride.0  dpkg.status.1.gz
```

## Step 3 Crontab

```
└─$ cat /home/student/backup.cron
```

## Step 4

```
(student@kali.example.com)-[~]
└─$ crontab -r

(student@kali.example.com)-[~]
└─$ crontab -l
no crontab for student
```