

Task A:

- ```
(antoinette-elam@Kali)-[~]
└─$ sudo useradd -m Alice
[sudo] password for antoinette-elam:
```
- ```
(antoinette-elam@Kali)-[~]
└─$ sudo nano /usr/local/bin/backup.sh

#!/bin/bash

# Step 2a: Take inputs
midas="aelam010"
current_date=$(date + "%Y.%m.%d-%H.%M.%S")

# Create filename
filename="${midas}-${current_date}.tar.gz"

# Create a tar archive of Alice's home directory and compress it
tar -czvf /var/backups/$filename /home/Alice

echo "Backup completed successfully: /var/backups/$filename"
```

```
(antoinette-elam@Kali)-[~]
└─$ sudo chmod +x /usr/local/bin/backup.sh
```
- ```
(antoinette-elam@Kali)-[~]
└─$ crontab -e
no crontab for antoinette-elam - using an empty one
Select an editor. To change later, run select-editor again.
 1. /bin/nano ← easiest
 2. /usr/bin/vim.basic
 3. /usr/bin/vim.tiny

Choose 1-3 [1]: █

*/3****/usr/local/bin/backup.sh█
```
- ```
(antoinette-elam@Kali)-[~]
└─$ ls -l /var/backups/
total 3076
-rw-r--r-- 1 root root 174080 Sep 21 12:15 alternatives.tar.0
-rw-r--r-- 1 root root 165341 Sep 14 10:02 apt.extended_states.0
-rw-r--r-- 1 root root 0 Sep 21 12:15 dpkg.arch.0
-rw-r--r-- 1 root root 8494 Sep 14 10:06 dpkg.diversions.0
-rw-r--r-- 1 root root 683 Sep 14 09:51 dpkg.statoverride.0
-rw-r--r-- 1 root root 2786477 Sep 14 09:59 dpkg.status.0
```

```
(antoinette-elam@Kali)-[~]
└─$ crontab -r
```