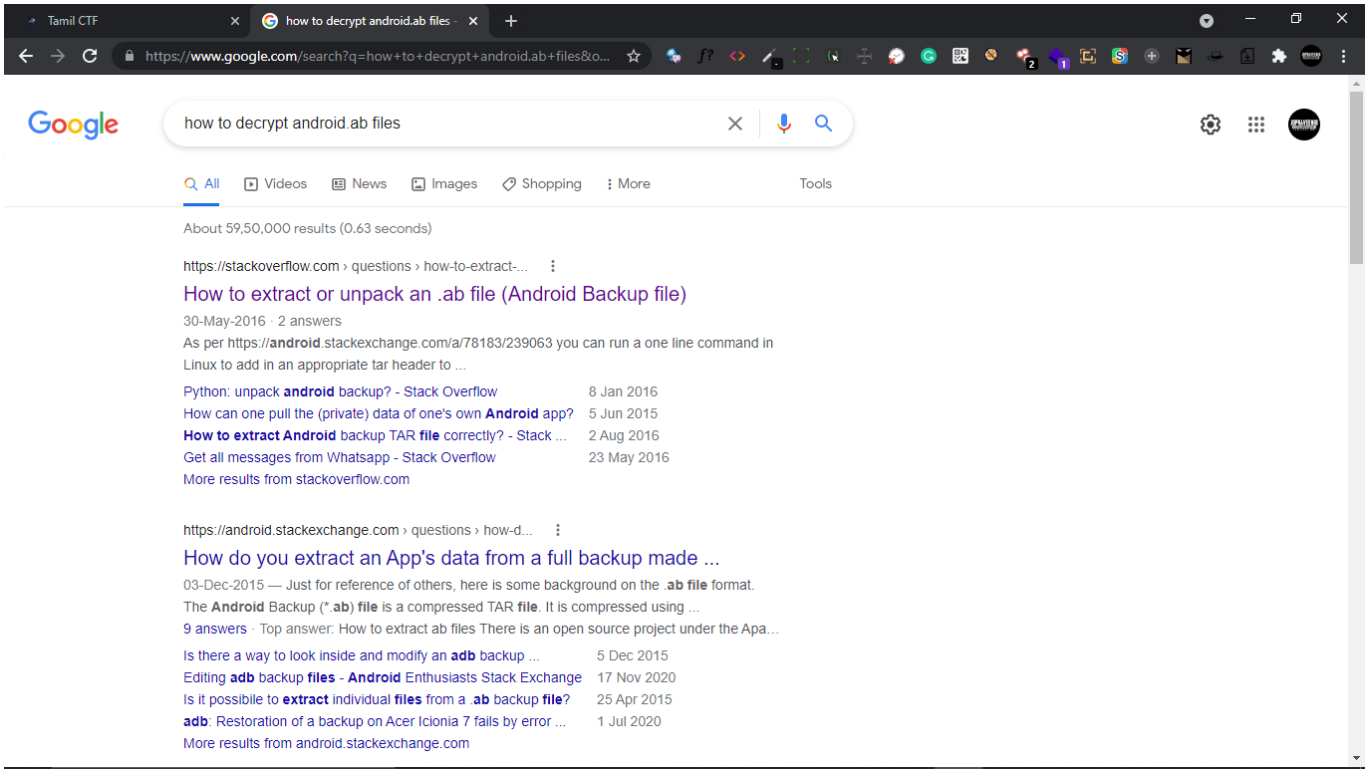
Hey I'm AB

Description

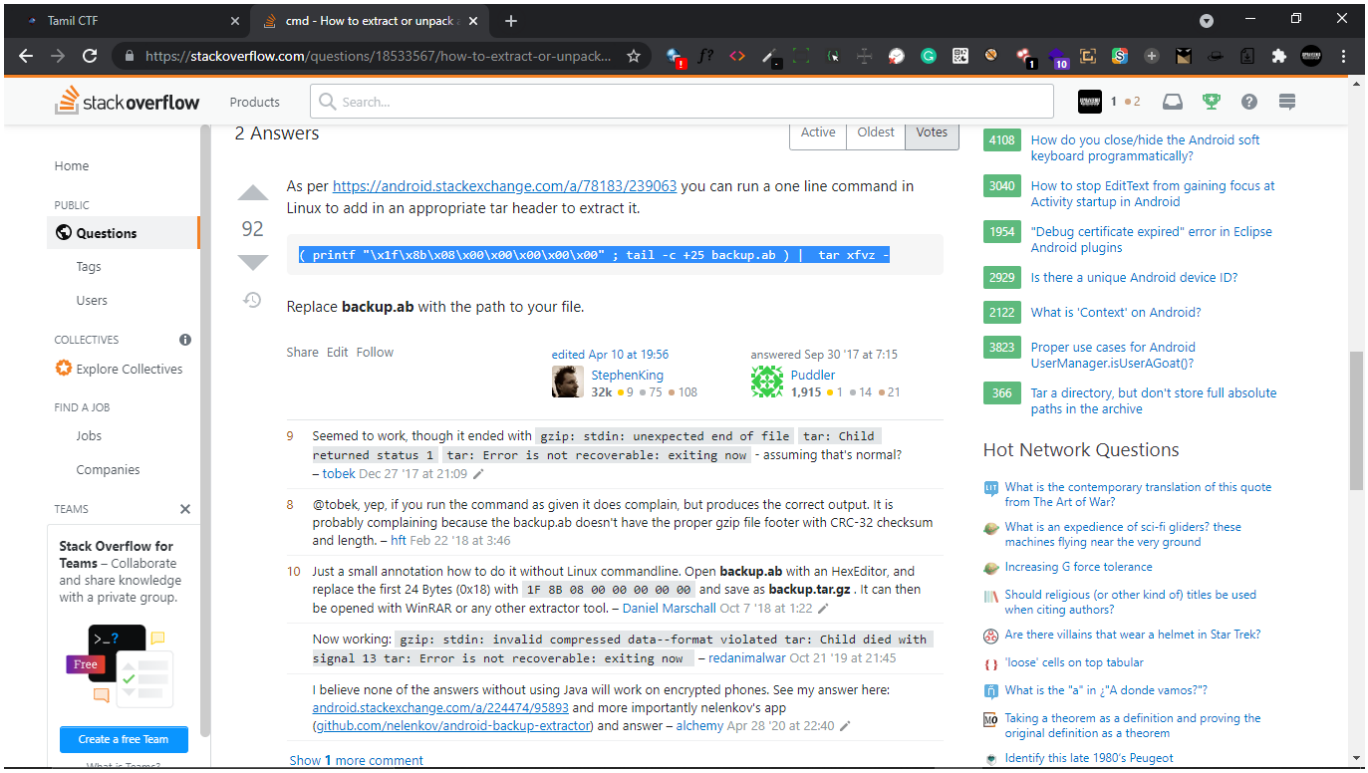
My phone got crashed and I took a backup of some important data

Challenge

- There's a download link let's download it
- we got a file named `android.ab`
- let's google how to decrypt this file



and got this



- Let's use this

```
❯ ( printf "\x1f\x8b\x08\x00\x00\x00\x00\x00" ; tail -c +25 backup.ab )
|  tar xfvz -
apps/com.example.devpack/_manifest
apps/com.example.devpack/r/app_flutter
apps/com.example.devpack/r/app_flutter/res_timestamp-1-1628219563788
apps/com.example.devpack/r/app_flutter/flutter_assets
apps/com.example.devpack/r/app_flutter/flutter_assets/isolate_snapshot_
data
apps/com.example.devpack/r/app_flutter/flutter_assets/vm_snapshot_data
apps/com.example.devpack/r/app_flutter/flutter_assets/kernel_blob.bin

gzip: stdin: unexpected end of file
tar: Child returned status 1
tar: Error is not recoverable: exiting now
❯ ls
apps  backup.ab
```

- Here we got a folder named apps
- lets run tree and see all files

```
.
└── com.example.devpack
    ├── _manifest
    └── r
        └── app_flutter
            ├── flutter_assets
            │   ├── isolate_snapshot_data
            │   ├── kernel_blob.bin
            │   └── vm_snapshot_data
            └── res_timestamp-1-1628219563788
```

`res_timestamp-1-1628219563788` is empty file
let's check other files

```
❯ strings kernel_blob.bin | grep TamilCTF
        title: Text('TamilCTF{1_l0v3_y0u_AB}'),
chunkStartbitinputCategorybinarySearchinsertionSortlowerBoundmergeSortp
kg.
```

▷ Just used strings and got the flag in `kernel_blob.bin` file

`TamilCTF{1_l0v3_y0u_AB}`