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VIP



## Calculate info hash #RB2 Pending

Complete previous stages to gain access to this stage.



Instructions



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### Your Task

PendingShare Feedback

MEDIUM

Info hash is a unique identifier for a torrent file. It's used when talking to trackers or peers.

In this stage, you'll calculate the info hash for a torrent file and print it in hexadecimal format.

To calculate the info hash, you'll need to:

- Extract the `info` dictionary from the torrent file after parsing
- Bencode the contents of the `info` dictionary
- Calculate the SHA-1 hash of this bencoded dictionary

Here's how the tester will execute your program:

```
$ ./your_bittorrent.sh info sample.torrent
```

and here's the output it expects:

```
Tracker URL: http://bittorrent-test-tracker.codecrafters.io/announce
```

```
Length: 92063
```

```
Info Hash: d69f91e6b2ae4c542468d1073a71d4ea13879a7f
```

Ready to run tests...

Show logs