

# Challenge: Flag Command

## Challenge Description:

Embark on the "Dimensional Escape Quest" where you wake up in a mysterious forest maze that's not quite of this world. Navigate singing squirrels, mischievous nymphs, and grumpy wizards in a whimsical labyrinth that may lead to otherworldly surprises. Will you conquer the enchanted maze or find yourself lost in a different dimension of magical challenges? The journey unfolds in this mystical escape!

## Context:

- Inspect the code of a web-application for a game, with the use of your analyst skills can you beat it and get the Flag.

## Notes:

- Make using you Look carefully and precisely ,You can complete this with just a browser

## Flag:

- First start the Instance then when it's running head straight to the web-page and open up the inspect-element prompt / developer tool.

With that we go to the network and see all the files it's pulling to work on that web-page, we get some interesting hits called Commands.js, Game.js and Main.js.

```
erie, indistinguishable sounds ripple through the gnarled trees, setting the hairs on your neck on edge. Glancing around, you spot a gangly, grinning figure lurking in the shadows, muttering 'Xclow3n' like some sort of deranged mantra, clearly waiting for you to pass out or something. Creepy much? Heads up! This forest isn't your grandmother's backyard. It's packed with enough freaks and frights to make a horror movie blush. Time to find your way out. The stakes? Oh, nothing big. Just your friends, plunged into an abyss of darkness and despair. Punch in 'start' to kick things off in this twisted adventure!
```

```
>> start
```

```
YOU WAKE UP IN A FOREST.
```

```
You have 4 options!
```

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49  game.js
50  main.js
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- Checking up on Game.js gives up nothing, same with Commands.js
- But When we inspect Main.js we can see the valid options for each step we need to take in the game.

```

if(data.message.includes('HTB{')) {
  playerWon();
  fetchingResponse = false;

  return;
}

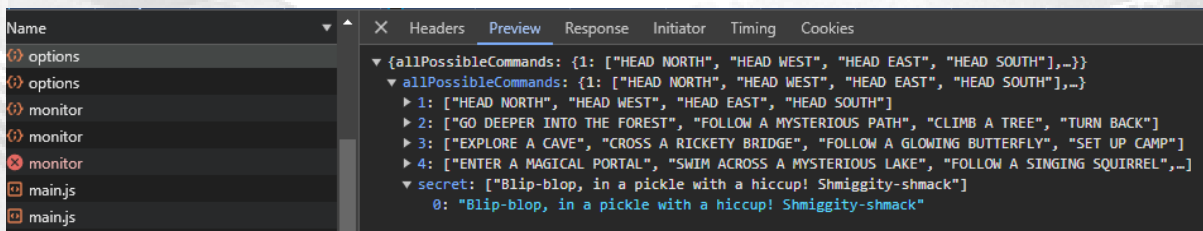
if (currentCommand == 'HEAD NORTH') {
  currentStep = '2';
}
else if (currentCommand == 'FOLLOW A MYSTERIOUS PATH') {
  currentStep = '3'
}
else if (currentCommand == 'SET UP CAMP') {
  currentStep = '4'
}

let lineBreak = document.createElement("br");

beforeDiv.parentNode.insertBefore(lineBreak, beforeDiv);
displayLineInTerminal({ text: '<span class="command">You have 4 options!</s
displayLinesInTerminal({ lines: availableOptions[currentStep] })
fetchingResponse = false;
});

```

- When I start sending the correct options I get stuck on a final page and all options fail, after looking closer I see that all the options I input also goto a API endpoint all "API/Monitor" Exploring that leads to a dead end.
- The Last resort way to double check the network and i'm glad i did, is expose another endpoint called "/API/Options" Following it Provided an



extra Command to input, but where and when.

- Looking at the Main.js I see it can be executed right after I input the START command at the beginning.
- I input enter and then the Special Option and BAMMM, Easy Flag

## Flag:

- First Download PRET from github, then run it against the IP:PORT from the

We get the flag : HTB{D3v3l0p3r\_t00l5\_4r3\_b35t\_\_t0015\_wh4t\_d0\_y0u\_Th1nk??}

```

>> Blip-blop, in a pickle with a hiccup! Shmiggity-shmack
HTB{D3v3l0p3r_t0015_4r3_b35t__t0015_wh4t_d0_y0u_Th1nk??}
You escaped the forest and won the game! Congratulations! Press restart to play again.

```