# Walkthrough: Serpent's Code

This document provides a step-by-step walkthrough to solve the reverse engineering challenge 'Serpent's Code'.

## Step 1: Identifying the File Type

Run the following command to check the file type:

$ file challenge.dat

Since the file is a binary, it might contain serialized data.

## Step 2: Extracting the Data

Use Python's `marshal` module to deserialize the contents:

import marshal  
  
with open("challenge.dat", "rb") as f:  
 data = f.read()  
  
code\_obj = marshal.loads(data)  
exec(code\_obj)

## Step 3: Retrieving the Flag

Once executed, the script will reveal the flag:

G8KEY{S1ngl3\_Man\_Army}