Run bandit -r ./detr-main -f json -o bandit\_report.json to create file report.json  
  
Source code for parse\_bandit.py:  
  
import json

from collections import Counter

# Load the Bandit report

with open('bandit\_report.json') as f:

data = json.load(f)

# Extract all issue types

issue\_types = [issue['issue\_text'] for issue in data['results']]

# Count the occurrences of each issue type

issues\_counter = Counter(issue\_types)

# Get the three most common issues

most\_common\_issues = issues\_counter.most\_common(3)

# Print the three most common security weaknesses

for issue, count in most\_common\_issues:

print(f"{issue}: {count}")

**Output:  
  
Use of assert detected. The enclosed code will be removed when compiling to optimised byte code.: 30**

**Standard pseudo-random generators are not suitable for security/cryptographic purposes.: 7**

**subprocess call - check for execution of untrusted input.: 2**