

# <INTRO TO CTF>

<RISC{INTRO\_2\_CTF}>



# <Acknowledgement of Country>

RISC acknowledges the people of the Woi wurrung and Boon wurrung language groups of the eastern Kulin Nation on whose unceded lands we conduct the business of the University and the club. RISC acknowledges their Ancestors and Elders, past and present and emerging.

Artwork 'Sentient' by Hollie Johnson  
Hollie is a Gunaikurnai and Monero Ngarigo woman from Gippsland who graduated from RMIT with a BA in Photography in 2016.



# <About the Session>

<Targetted towards beginners and those who need a refresher.

OSINT is a large space. We will mainly be focused on the Information Gathering, Behavioural Profiling and Data Correlation aspects.>





# What is CTF

- Gamified exercise where participants solve challenges to get flags
- Multiple categories of CTF





Red Team  
VS  
Blue Team



# CTF Formats

- Jeopardy
- Attack/Defense
- King of the hill
- boot2root





# CTF Categories

- OSINT
- Crypto
- Web
- Reverse Engineering
- Binary Exploitation (“pwn”)
- Many more!



# Why CTF?



# Skill Building

- Learn by doing
- Bridge classroom gap
- Familiarity with industry tooling
- Find your interests
- Continuously getting better





# Community/Job

- Meet cool like-minded people
- Collaborate with others (join team, make your own)
- Street cred
- Meet potential employers
- Or stand out to them!



# Prizes?

- Varies per CTF
- Google CTF (starting soon!) has USD 12k top prize
- BSides Melbourne CTF had \$500 of LEGO
- Some have no prizes
- Some have cert vouchers (i.e., OSCP)
- Prizes typically scale with difficulty and competitiveness

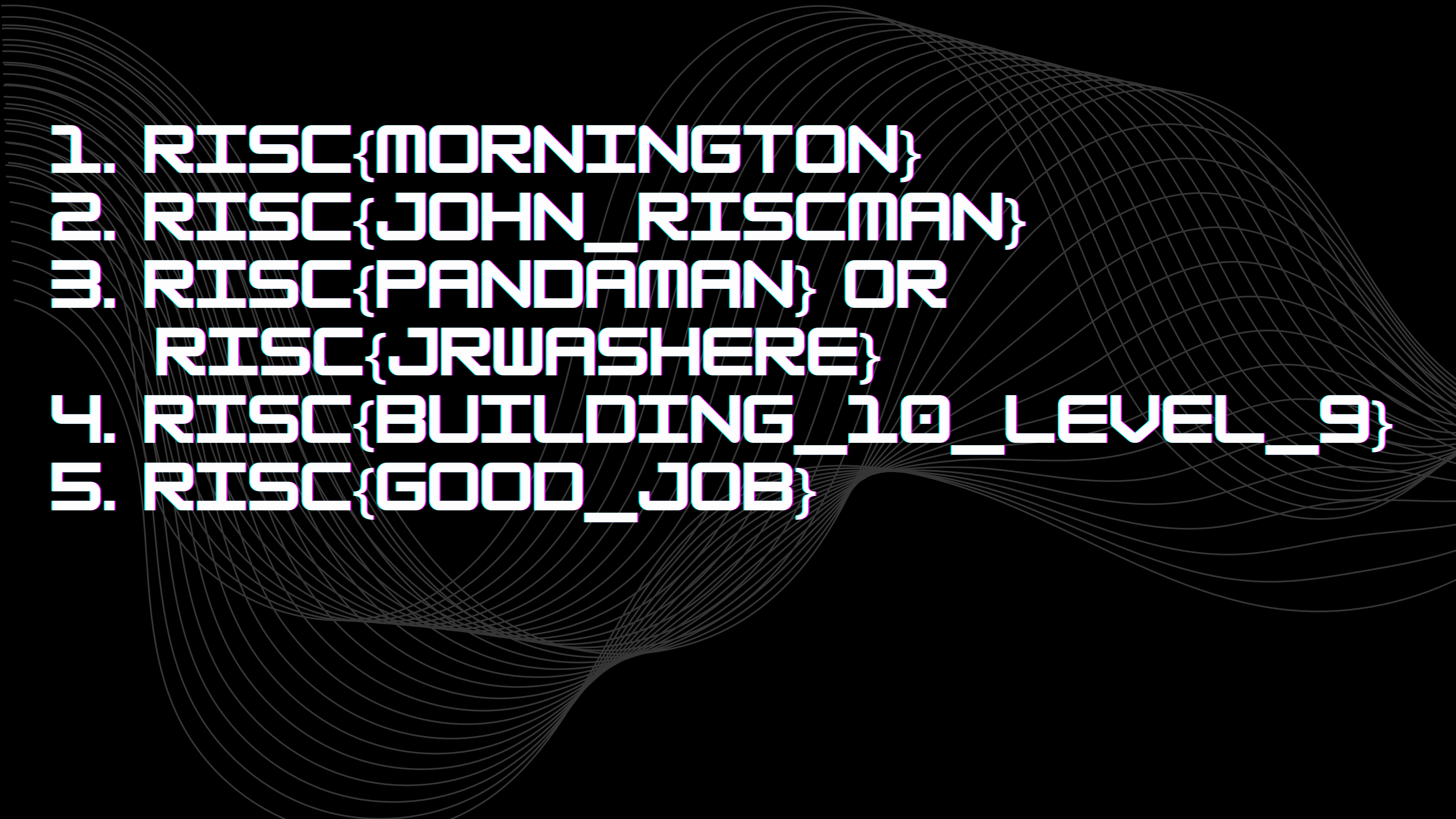




# Fun!

- the most important thing :^)



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1. RISC{MORNINGTON}
  2. RISC{JOHN\_RISCMAN}
  3. RISC{PANDAMAN} OR  
RISC{JRWASHERE}
  4. RISC{BUILDING\_10\_LEVEL\_9}
  5. RISC{GOOD\_JOB}



# <Tools and Skills>

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✓ ExfilTool

✓ Wayback Machine

✓ Search APIs

✓ Social Media Profiling

✓ Image Analysis

✓ Data Correlation





# <Challenges>



1. WHERE AM I?



2. WHO AM I?



3. ALTERNATE  
HANDLE



4. WHERE IS  
THIS?





# Challenge 5

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Catch me if you can



<Thank You>