SUMMER IS COMING
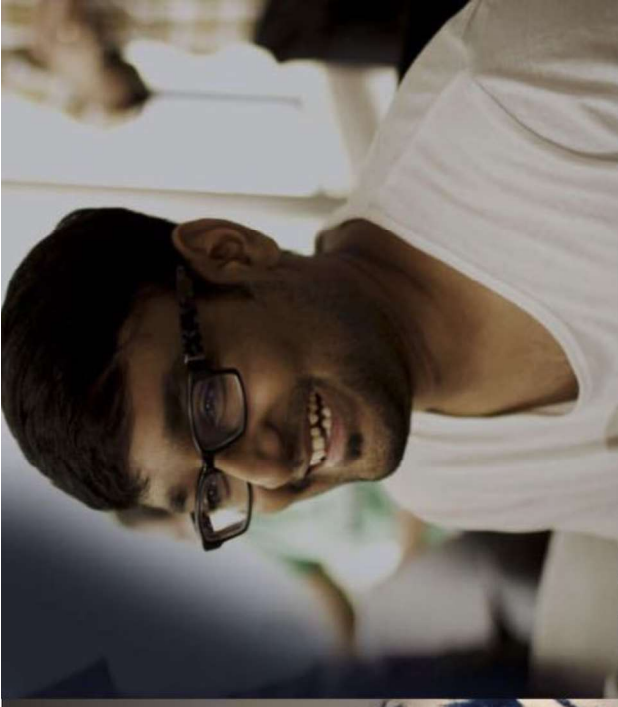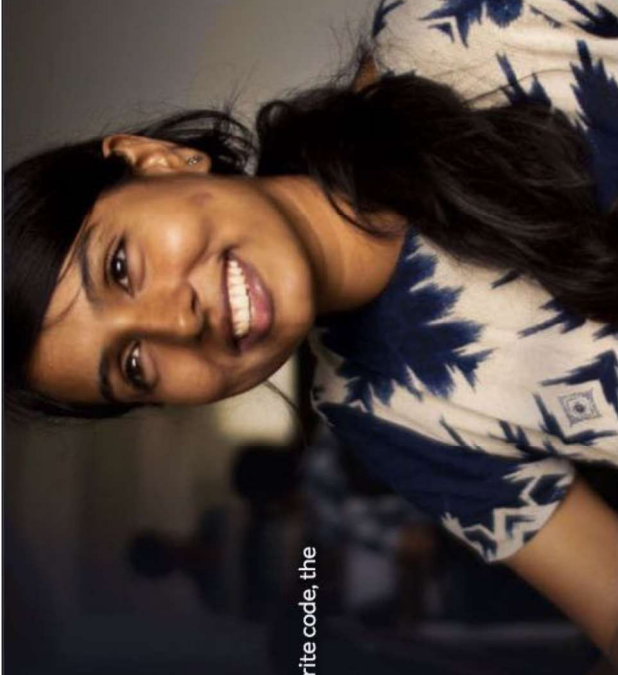
TAME OF THRONES

geektrust.in
Job Adventures. For Geeks.

My code is my resume

"Geektrust has tie ups with some of the best startups. And all one got to do is write code, the rest is taken care by the geektrust team."

-Athira, now works at Sahaj Soft

Athira, Souranil and many more developers have solved Geektrust coding challenges to find great jobs.

＊ **Get feedback** on your coding skills. Detailed, handcrafted feedback on your code.

＊ **Get priority** and be treated as a premium candidate to directly connect with decision makers at companies.

＊ **Get membership** and win an exclusive Geektrust DEVELOPER t-shirt given when you write good code.

What we look for in your code - It's not just about getting output, but how you get it. We care about how well modelled your code is, how readable, extensible, well tested it is. Have questions on the challenges or our evaluation? Ping us on the Geektrust Slack channel.

GETTING STARTED

1. Getting the output right is important, but clean code is more important. You should **absolutely** read this post on what we look for in your code, and how to get started with the coding challenge.

2. Remember, we expect a command line app. So no web apps will be considered for evaluation.

3. Usage of non-essential 3rd party libraries will affect your evaluation.

4. Add a readme with how to get your code working, and how to test your code.

5. If you have questions on the coding challenges, your evaluation, or on companies, you can ping us on our Slack channel or mail us at devs@geektrust.in saying "Add to slack".

PROBLEM 1: A GOLDEN CROWN

There is no ruler in the universe of Southeros and pandemonium reigns. Shan, the gorilla king of the Space kingdom wants to rule all Six Kingdoms in the universe of Southeros. He needs the support of 3 more kingdoms to be the ruler.

TAME OF THRONES

UNIVERSE OF SOUTHEROS

Each kingdom has an animal emblem and Shan needs to send a message with the animal in the message to win them over.

LAND emblem - Panda, WATER emblem - Octopus, ICE emblem - Mammoth, AIR emblem - Owl, FIRE emblem - Dragon.

Your coding challenge is to have King Shan send secret message to each kingdom and win them over.

Once he wins 3 more kingdoms, he is the ruler! The secret message needs to contain the letters of the animal in their emblem. For example, secret message to the Land kingdom (emblem: Panda) needs to have the letter 'p','n','d' at-least once and 'a' at-least twice. If he sends "**a1d**22**n**333**a**4444**p**" to the Land kingdom, he will win them over.

SPACE LAND WATER ICE AIR FIRE

TAME ᴏꜰ THRⲞNES

PROBLEM 1- SAMPLE INPUT OUTPUT

Who is the ruler of Southeros?

Ouput: None

Allies of Ruler?

Output: None

Input Messages to kingdoms from King Shan:

Input: Air, "**oaaaw**aala"

Input: Land, "**a1d22n333a44444p**"

Input: Ice, "**zmzmzmzaztzozh**"

Who is the ruler of Southeros?

Output: King Shan

Allies of Ruler?

Output: Air, Land, Ice

Who is the ruler of Southeros?

Output: None

Allies of King Shan?

Output: None

Input Messages to kingdoms from King Shan:

Input: Air, "**Let's swing** the sword together"

Input: Land, "**Die** or **pla**y the **tame** of thrones"

Input: Ice, "**Ahoy!** Fight for **me** with **me**n and **mo**ney"

Input: Water, "Summer is coming"

Input: Fire, "**Drag on** Martin!"

Who is the ruler of Southeros?

Output: King Shan

Allies of King Shan?

Output: Air, Land, Ice, Fire