

Cisco STEM GenAI – Using VSCode

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Having a creative thought...

Lets create a video game together

Create an emoji-based arcade game similar to Space Invaders.

With only our voice and 14 minutes

**I will be dictating to Microsoft
VSCode using my headset.**

**We will be using GitHub
Copilot with *Anthropic Claude
Sonnet 4.0***



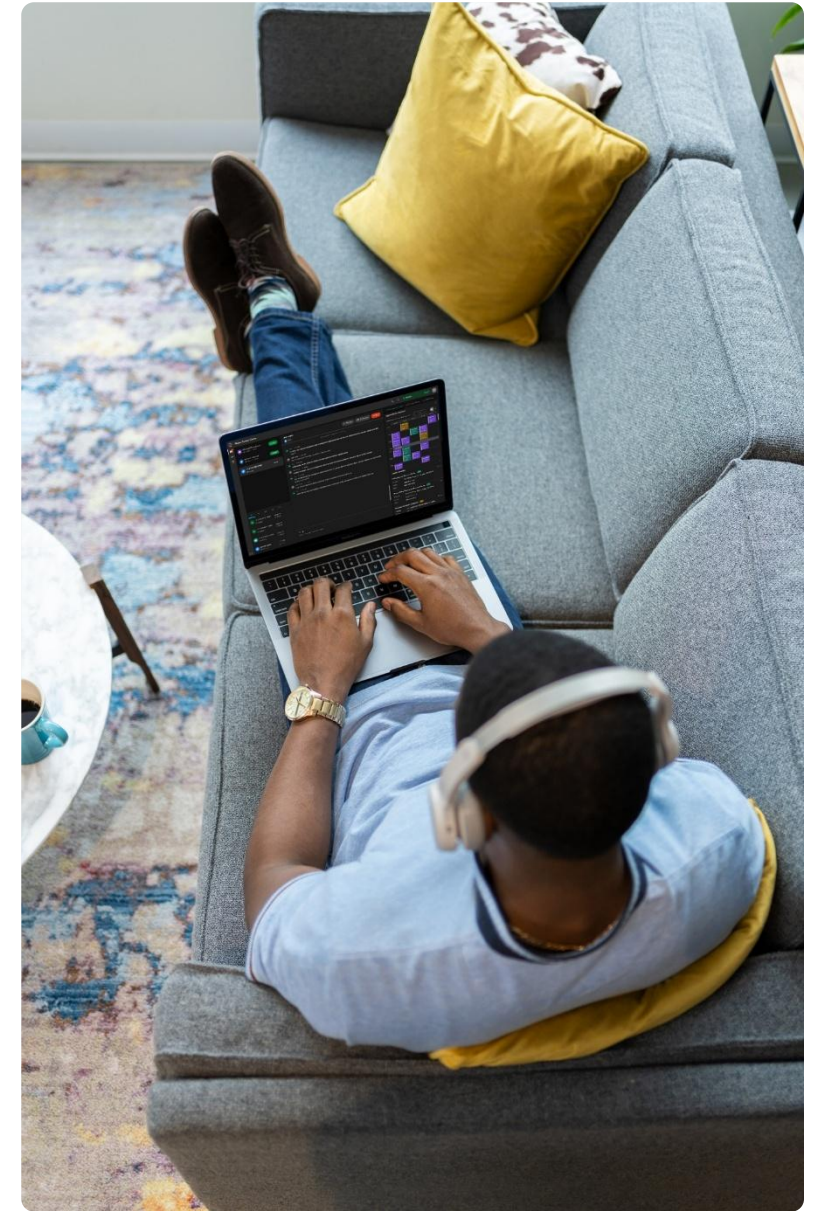
Ready... *begin!*

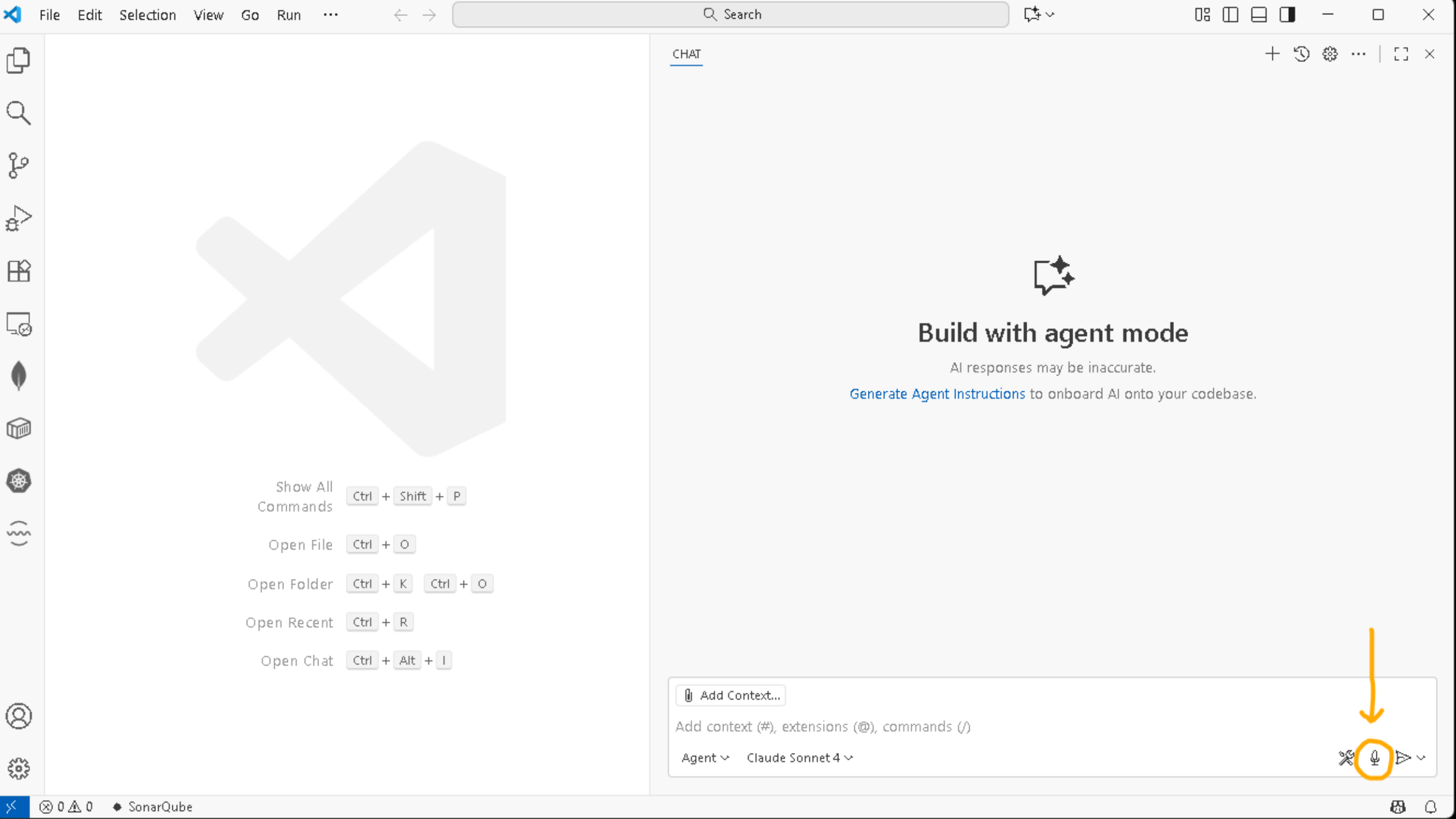


Make a plan and objective.

Game Play

- I want to have a spaceship shooting lasers
- Use emojis for aliens and ships
- Incorporate different levels, each new level becomes faster
- Include a timer
- Allow high scores to be recorded
- Lots of visual effects, explosions, glowing effects, starfield
- Make this fun and visually appealing
- Full keyboard control
- Iterate through enhancements





Voice Prompts Used:

https://github.com/freestudentaccount-code/stem_risd/blob/main/CHANGE.md

Voice Prompt 1:

Let's go ahead and create an emoji Space evaders game that is similar to Space Invaders with ships, aliens with different layers and a timer showing high scores. Ahead of this we will make this a very fun and interactive game that people are able to register their names for their highest scores. We want to go ahead and have it have visual effects, explosions, glowing effects, a star field in the background, make it use the full keyboard control left and right arrow keys. And the spacebar to shoot.

Voice Prompt 2:

Please randomize the aliens so they aren't all the same on the row.

This game play is SUPER slow. Speed it up.

Add a synth sound generator for effects

The lines are a little bit blurry when the spaceship travels left and right. Can you do less trailing behind them?

Voice Prompt 3:

I need the ability to play this on an iPhone please.



SPACE EVADERS



Score: 0

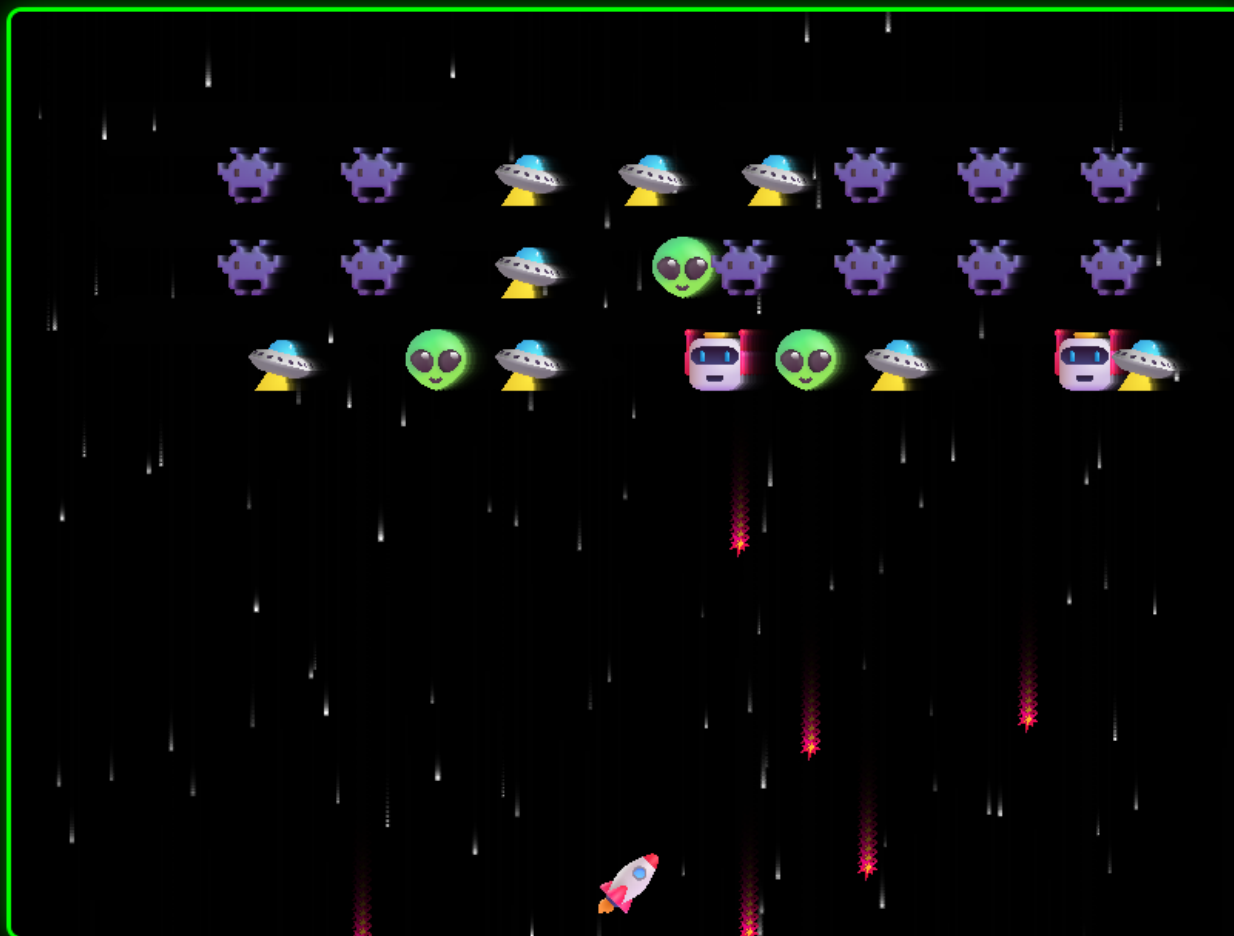
Level: 1

Lives: 3

Time: 00:02

High Scores

No scores yet!



Use ← → arrow keys to move, SPACEBAR to shoot

Playtime



- https://freestudentaccount-code.github.io/stem_risd/

Source Code:



https://github.com/freestudentaccount-code/stem_risd

