Tab 1

## Total Countries in North, Central and South America

27 countries

## North & South American Currencies

Antigua & Barbuda

XCD - East Caribbean Dollar

Bahamas

BSD - Bahamian Dollar

Barbados

BBD - Barbadian/Bajan Dollar

Belize

BZD - Belize Dollar

Canada

CAD - Canadian Dollar

Costa Rica

CRC - Costa Rican Colón

Cuba

CUP - Cuban Peso

Dominica

XCD - East Caribbean Dollar

Dominican Republic

DOP - Dominican Peso

El Salvador

USD - United States Dollar

Grenada

XCD - East Caribbean Dollar

Guatemala

GTQ - Guatemalan Quetzal

Haiti

HTG - Haitian Gourde

Honduras

HNL - Honduran Lempira

Jamaica

JMD Jamaican Dollar

Mexico

MXN - Mexican Peso

Nicaragua

NIO - Nicaragua Córdoba

Panama

USD - United States Dollar

Saint Kitts & Nevis

XCD - East Caribbean Dollar

Saint Lucia

XCD - East Caribbean Dollar

Saint Vincent & the Grenadines

XCD - East Caribbean Dollar

Trinidad & Tobago

TTD - Trinidad & Tobago Dollar

USA

USD - United States Dollar

Puerto Rico

USD - United States Dollar

Guam

The Northern Mariana Islands

American Samoa

The U.S. Virgin Islands

The Minor Outlying Islands

## South American Currencies

Argentina

Bolivia

Brazil

Chile

Colombia

Ecuador

Guyana

Paraguay

Peru

Suriname

Uruguay

Venezuela

List for north and central america: <https://www.countries-ofthe-world.com/countries-of-north-america.html>

<https://www.worldatlas.com/geography/how-many-countries-are-there-in-north-america.html>

USA Territories:

<https://www.worldatlas.com/geography/the-territories-of-the-united-states.html>

List for south america: <https://www.worldatlas.com/geography/how-many-countries-are-in-south-america.html>

AI Links

<https://chatgpt.com/share/67f71614-2898-800b-9936-418cf74be840>

<https://chatgpt.com/share/680a5048-43e0-800b-a77e-8c04d23c01fc>

<https://claude.ai/share/7b531cd2-6769-4d89-a3b0-6a22734120a5>

<https://claude.ai/share/96e2a836-1d46-4dbe-9991-0026280226c9>

<https://claude.ai/share/bc9f48e6-7b4c-466d-8c86-9d479bb9ca8c>

<https://claude.ai/share/bc9f48e6-7b4c-466d-8c86-9d479bb9ca8c>

Documentation

Haylee Paredes

April 24, 2025

Documentation

We asked ChatGPT to give us a basic example of what we wanted. We played around with the code to get a better understanding on how we wanted the code to output. We ended up deciding on using a drop down box format for easier accessibility. We split the countries up into different sections so that each one of us could make the code for our assigned countries.

On day two of the project, we had added confirmation for transactions. For example, a user would pick the country currency that they are starting with and what country currency they are trying to convert to. Then the user is asked how much they are trying to convert and are asked to confirm if they would like to exchange the amount they imputed.

After day two of the project, we focused on finding the right code that fit well with what we were aiming for. Everyone had posted their own code in the discord so everyone could decide whose code we wanted to use for the actual project. We had ended up using the code Justin had provided.

Day four of the project, we had started working on the code that we had chosen on day three. The main code was mostly finished but we wanted to add some more customization to our project code. We went through what customization options we wanted to add to the code and we came up with adding a spinning coin gif to the JOptionPane box as well as adding color to the box too. Unfortunately, this is where we had some trouble.

We asked ChatGPT to help us add the spinning coin gif and the color to the JOptionPane box, but we ran into some problems with adding color to the JOptionPane box. It took some time but we eventually got it to work. Our main problem was adding the spinning coin gif to the code. Adding this code took the longest. We asked ChatGPT to give us an example of what the code could look like with the spinning coin gif added, but when we implanted it into the code it would not show up.

Due to the gif not showing up, we had to figure out why or what was causing it not to show up. So, we turned to the internet. After finding a situation similar to ours on the internet, we tried adding it to the code. It somewhat worked-ish. This made us turn to Claude because ChatGPT wasn’t really helping us. After some trouble, we were able to make the gif work.

Unfortunately, after that day the gif stopped working again. Justin had been the one to get the gif to work on his personal computer but when it came to the school computers this gif didn’t work. Mr. Norris had helped us try to figure out how to get the gif to work again. And then it finally worked again. Implementing the gif to our project was the hardest part of this project. We went through a lot to get it to work.

Getting to the last couple of days of the project, we started to work on adding more customization like fonts to the JOptionPane box. The font that we implemented was Courier New. Since we spent a lot of time focusing on the spinning coin gif, we didn’t really have more time to add even more customization.

As of day seven of the project, we have customized the JOptionPane box color in which used the color blue, replaced the current JOptionPane box font as well as the drop down box font to Courier New, and added a spinning coin gif to the default icon in the JOPtionPane box. We had fixed the exchange rates, and fixed the math for calculating the service fee. The last day of the project was a big success in completing the rest of the project which now prepares us for the presentation.

AI Links

<https://chatgpt.com/share/67f71614-2898-800b-9936-418cf74be840>

<https://chatgpt.com/share/680a5048-43e0-800b-a77e-8c04d23c01fc>

<https://claude.ai/share/7b531cd2-6769-4d89-a3b0-6a22734120a5>

<https://claude.ai/share/96e2a836-1d46-4dbe-9991-0026280226c9>

<https://claude.ai/share/bc9f48e6-7b4c-466d-8c86-9d479bb9ca8c>

<https://claude.ai/share/bc9f48e6-7b4c-466d-8c86-9d479bb9ca8c>