The Static Startups - Write up on website development

Our team ultimately chose to develop a website to examine the concerns that stem from a global issue, Climate Change, after careful planning and deliberation.

The climate has undergone long-term shifts that have lasted for decades, centuries, or longer. It is brought on by the Earth's atmosphere's steadily rising concentration of greenhouse gases, mostly as a result of burning fossil fuels. A problem like this has a significant impact on the entire world. As a result, we chose to create a website in order to spread awareness of this problem because it is convenient and quick to use.

On our website, we gave information on the UN Sustainable Development Goals and discussed the 13th aim (Climate action). We covered every aspect of Climate Change and offered our own solutions to put a stop to this widespread problem. This website was a lot of fun to make, although there were some programming problems along the way:

Issues we faced

1)

```
from PIL import Image
import requests
import streamlit as st
from streamlit_lottie import st_lottie
```

The import of the Streamlit server to connect to a local host presented us with our first problem. In the first few sessions, opening the website was difficult for us because we had problems downloading "Pip" in Python.

2)

```
#Solutions
with st.container():
    st.write("---")
    st.header("Our Team's Proposal")
    st.write("##")
    image_column, text_column = st.columns((1,2))
with image_column:
    st_lottie(lottie_solution, height = 400, key="solution")
```

Setting the columns for the photos and importing lottie gifs was also one of the problems we encountered. To make our website more aesthetically pleasing and simple, we chose to employ lottie gifs, although we were unaware that doing so might cause some loading problems. With several efforts, the issue was eventually resolved

How we eradicated these issues:
Even though we experienced brief panic attacks, we were able to resolve these problems with numerous modifications and thorough error debugging. We attempted opening the page on many servers using various local hosting systems (successfully being Streamlit). We eventually understood that, while programming challenges may come and go, improvement is an integral element of the process for a good result. We successfully finished a website in a day because of good teamwork.

The Static Startups - Algorithm

After working on our website for several sessions, our team finally began working on the third task, which is to solve two questions using algorithms.

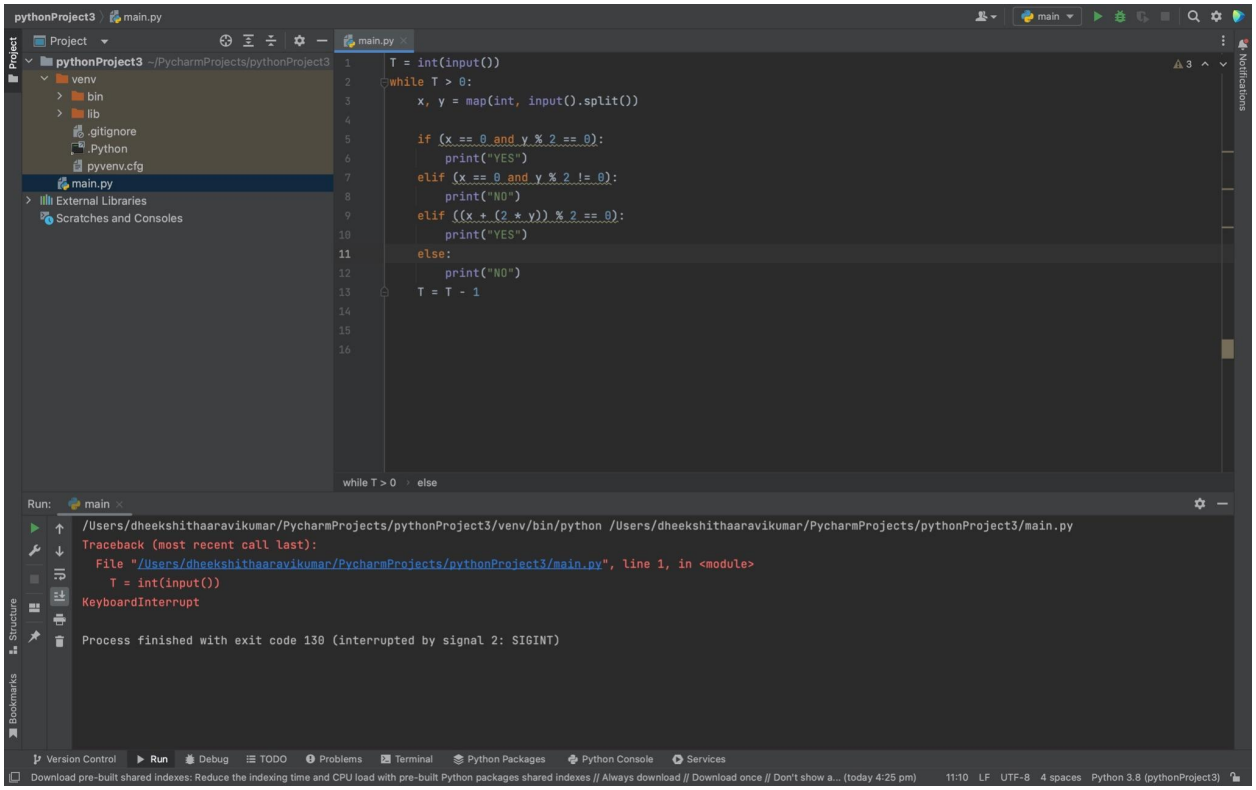
Through the process of answering the questions, our team learned how to work together, solve problems more quickly, and learn more about our teamwork skills. Along the way, we learned more about Python and algorithms. Although we were ultimately successful, we encountered several challenges along the way, such as time management and teamwork.

We started with the second question. Two of our team members worked on finishing our website while the other two worked on answering the question. Due to a lack of time, our members had some difficulty answering the question. We also encountered a problem with the syntax:

```
SyntaxError: invalid syntax
```

We encountered an issue with the input format. Our team had to run the problem several times before finally getting the desired output in the proper format.

We finally moved on to the first question after finishing the second. We began our first question with trepidation and confusion. Our team encountered several challenges while attempting to answer the question. One of the major issues was properly comprehending the question, as all of our members were panicking due to a lack of time and confusion. We also had issues with the input format and loops:



While answering the question, we encountered significant difficulties with input format and format loops. Our team was able to achieve the desired result after several attempts at answering the question.

After brainstorming solutions to both questions and resolving team conflicts, our team was finally able to achieve the desired results. Despite a few conflicts among team members as a result of the pressure of solving a large portion of the competition in a very short period of time, we were able to work as a team and have a good time solving the questions.Our team members discovered more about one another and how we can work as a team to achieve our goal (winning the $300 in prizes).