

22nd October:

6:00 pm -8:00 pm

Wrote functions for symbolic derivatives of basic mathematical functions.

8:30pm-9:30pm

Had a team meet where UI was discussed.

24th October:

7:00 pm- 8:00pm

Worked further on those functions

31st October:

8:00am-10:00am

Thought up on the algorithm for chain_rule function

6:00pm-7:30pm

Had a team meet where work was distributed.

3rd November :

7:00pm-9:00pm

Wrote function for chain_rule .

4th November:

10:00am-11:30am

Modified chain_rule.

5th November:

6:00pm-8:00pm

Modified chain rule . Started working on product_rule function

9:30pm-10:30pm

Had team meet.

15th November:

2:00pm-3:00pm

Finished product_rule function .

10:30pm-12:30am

Had a team meet where fparser was discussed.

16th November:

2:00pm-4:00pm,7:00pm-8:00pm

Worked on deriv_fn function .

17th November:

2:00pm-5:00pm,7:00pm-9:30pm

Tried to fix the problems with functions for symbolic derivative .

19th November:

9:30pm-11:30pm

Had team meet for fixing problems with deriv_fn()

21st November:

6:30pm-9:00pm:

Had a team meet , where we put together different parts of code that were completed and decided to use numerical method for differentiation at point because of some drawbacks of the symbolic derivative function.

10:00pm-10:30pm

Wrote function for differentiation by numerical method for 2D.

23rd November:

7:00pm-8:30pm

Wrote functions for gradient by numerical method for 3D, symbolic gradient, directional derivative, tangent and normal(both 2D and 3D).

24th November:

9:30pm-10:30pm

Peer review meet