



- $w_{0,3} = 1$, $w_{0,4} = -1$, $w_{0,5} = 1$
- $w_{1,3} = 2$, $w_{1,4} = 4$, $w_{2,3} = 3$
- $w_{2,4} = 1$, $w_{3,5} = 2$, $w_{4,5} = 3$
- $x_1 = 5$, $x_2 = -3$
- $y = 1$
- Non-linearity = Sigmoid
- $y_{\text{hat}} = ?$
- Calculate the gradients w.r.t the w 's

Submission Instructions:

- Deadline: January 20, 2023 10:00 PM
- Make your solution in single A4 paper, take a photo (JPG), name with your roll number (e.g. 1705012.jpg and submit)