## **CS754 Assignment-2**

## Saksham Rathi, Ekansh Ravi Shankar, Kshitij Vaidya

**Declaration:** The work submitted is our own, and we have adhered to the principles of academic honesty while completing and submitting this work. We have not referred to any unauthorized sources, and we have not used generative AI tools for the work submitted here.

24.004.011		
Solution		

**Question 1**