**Assignment No. 1**

**Date: 11/10/2022 Div: A**

**Submission Date: 12/10/2022**

Q. 1 Apply spiral model for the development of the Railway Reservation System.

Q.2 What process adaptations are required if the prototype will evolve into a delivery system or product?

Q.3 Explain why agile methods may not work well in organizations that have teams with a wide range of skills and abilities and well-established processes.

Q.4 Historically, the introduction of technology has caused profound changes in the labor market and, temporarily at least, displaced people from jobs. Discuss whether the introduction of extensive process automation is likely to have the same consequences for software engineers. If you don’t think it will, explain why not. If you think that it will reduce job opportunities, is it ethical for the engineers affected to passively or actively resist the introduction of this technology?