- 1. Check whether the following system is singular or non-singular u + v + w = 1, 2u + 2v + 5w = 2, 4u + 6v + 8w = 3.
- 2. Test whether the system is singular/non-singular u + v + w = 1, 2u + 2v + 5w = 2, 4u + 4v + 8w = 3. If this system is singular then discuss about its solution?
- 3. Solve system of equation x + y 2z = -3, 2x + 5y + 3z = 11, -x + 3y + z = 5. Check whether the system is singular or non-singular.
- 4. Test the system is singular or non-singular y 2z = 4, x + 3y + 2z = 1, -2x + 3y + z = 2.
- 5. Is this system of equation is singular or non-singular u + v + w = 0, u + 2v + 3w = 0, 3u + 5v + 7w = 1