Practical – Session 1

1. Using R, generate the first 10 terms of the arithmetic sequence
$a_n = -3n + 7$ $(a_1 = 4, a_2 = 1, a_3 = -2,\ldots)$

2. Using R, generate the first 10 terms of the geometric sequence
$g_n = 2(-0.5)^{n-1}$ $(g_1 = 2, g_2 = -1, g_3 = 0.5,\ldots)$

   Plot a line graph of the sequence g_n