**Assignment 5b:**

1. Write a C program to find the sum of the given series:

(a) S = a2 + a2 / 2 + a2 / 3 + ...... + a2 / 10

(b) S = a + a2 / 2 + a3 / 3 + ...... + a10 / 10

(c) S = (a\*2) + (a\*3) + ...... + (a\*20)

(d) S = a + a2 + a3 + ...... + an

(e) S = 1 + 22 / a + 33 / a2 + ...... to n terms

(f) S = 12/a + 32 / a2 + 52 / a3 + ...... to n terms

(g) S = 1/a + 1/a2 + 1/a3 + ...... + 1/an

(h) S = x/2 + x/5 + x/8 + x/11 + ...... + x/20

(i) S = 1- a + a2 – a3+ ………………+a10

(j) S = a – a/2 + a/3 – a/4 + ……………….. – a/20