**Name: Saif Alam**

**Roll: 61, CSBS**

**Practical 5 ITW**

**Aim:** Write a MATLAB Program to solve linear equations

**Program:**

1)

A = [1 1; 2 -1];

B = [5; 1];

% Solve the linear system A\*x = B using linsolve

x\_solution = linsolve(A, B);

disp(['x = ', num2str(x\_solution(1))]);

disp(['y = ', num2str(x\_solution(2))]);

2)

A = [1 1; 2 -1];

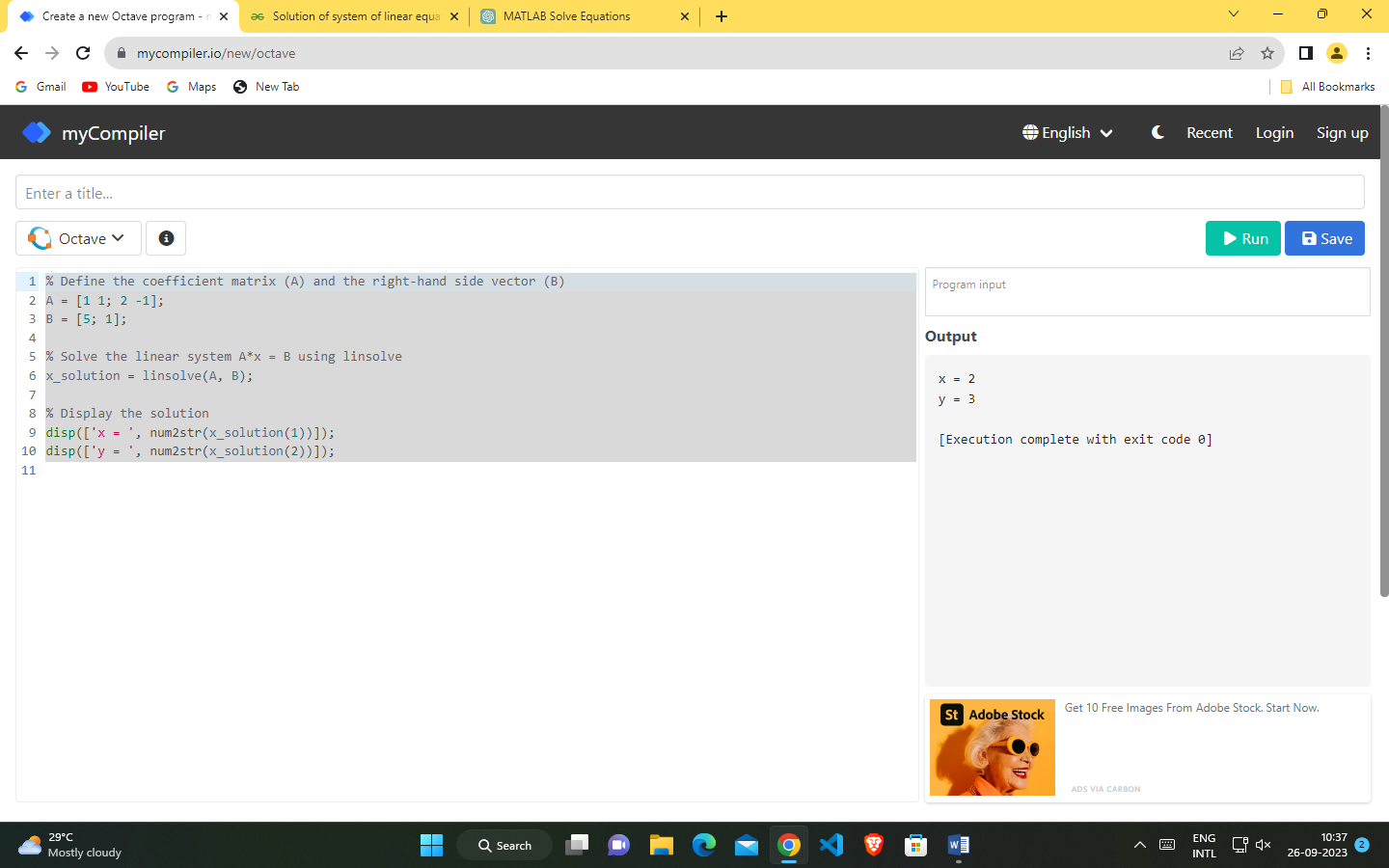
B = [7; 1];

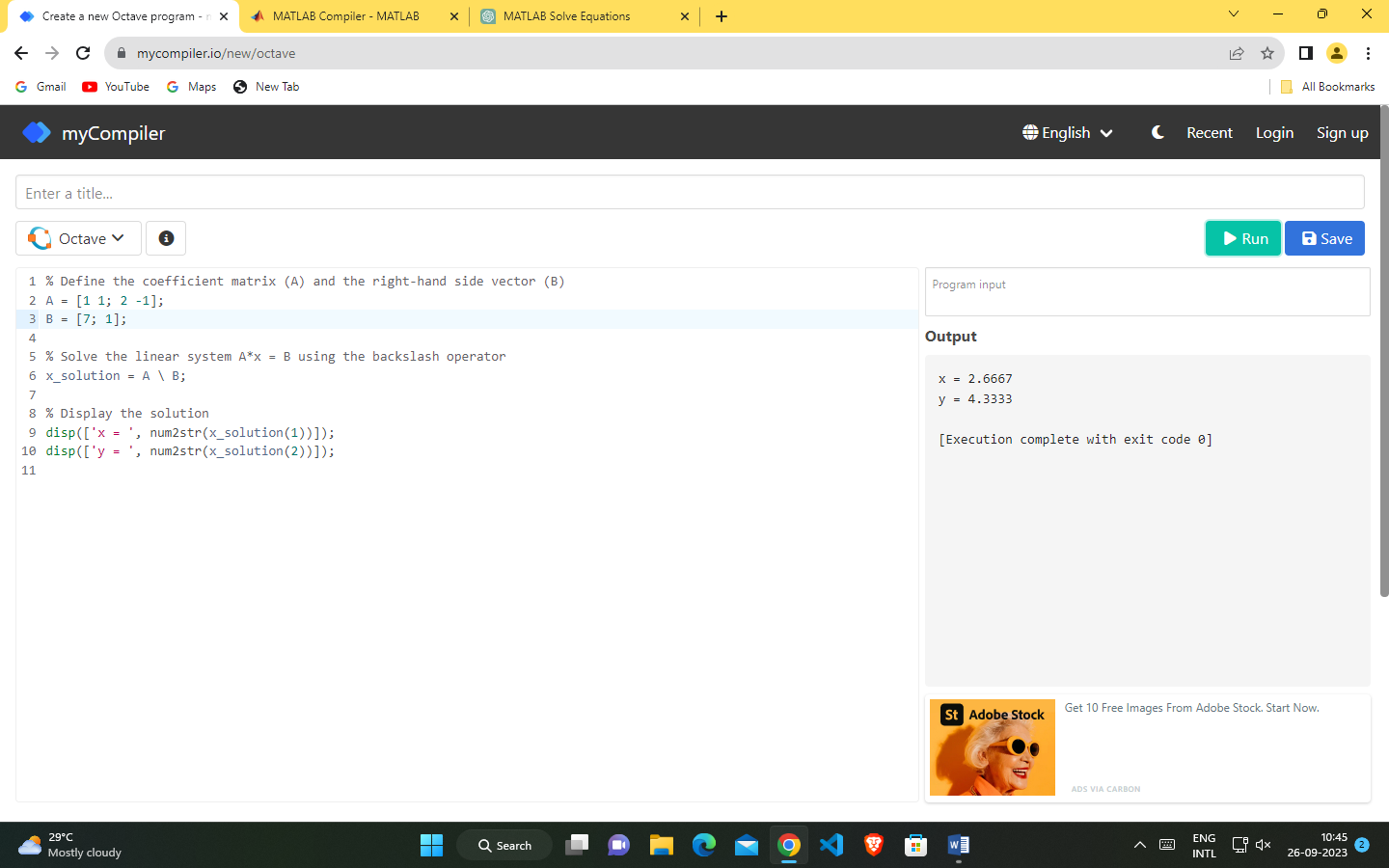
x\_solution = A \ B;

disp(['x = ', num2str(x\_solution(1))]);

disp(['y = ', num2str(x\_solution(2))]);

**Output:**





**\**