NameError: name 'execute' is not defined

Change the code from this :

1. #execute the circuit and get the plain result

2. out = execute(qc,backend).result()

3. #getting the count of the result

4. counts = out.get_counts()

5. #plotting the histogram

6. plot_histogram(counts)

To this:

1. # For execution

2. simulator = AerSimulator()

3. compiled_circuit = transpile(qc, simulator)

4. compiled_circuit.measure_all()

5. sim_result = simulator.run(compiled_circuit).result()

6. counts = sim_result.get_counts()