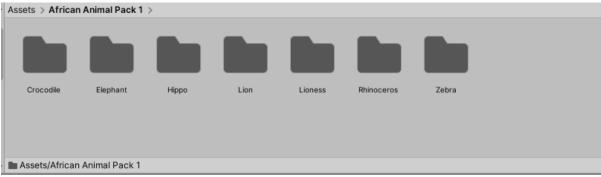
Adding animals in game by using assets of African Animal Pack and apply random movement function on it





Code:

```
using UnityEngine;
using System.Collections;

[RequireComponent(typeof(CharacterController))]
public class Wander : MonoBehaviour
{
    public float speed = 5;
    public float directionChangeInterval = 1;
    public float maxHeadingChange = 30;

    CharacterController controller;
    float heading;
    Vector3 targetRotation;

    void Awake ()
    {
        controller = GetComponent<CharacterController>();

        // Set random initial rotation
        heading = Random.Range(0, 360);
        transform.eulerAngles = new Vector3(0, heading, 0);
```

```
StartCoroutine(NewHeading());
        void Update ()
                transform.eulerAngles = Vector3.Slerp(transform.eulerAngles,
targetRotation, Time.deltaTime * directionChangeInterval);
                var forward = transform.TransformDirection(Vector3.forward);
                controller.SimpleMove(forward * speed);
        }
        IEnumerator NewHeading ()
                while (true) {
                        NewHeadingRoutine();
                        yield return new
WaitForSeconds(directionChangeInterval);
              }
        }
        /// <summary>
        /// Calculates a new direction to move towards.
        /// </summary>
        void NewHeadingRoutine ()
                var floor = Mathf.Clamp(heading - maxHeadingChange, 0, 360);
                var ceil = Mathf.Clamp(heading + maxHeadingChange, 0, 360);
                heading = Random.Range(floor, ceil);
                targetRotation = new Vector3(0, heading, 0);
```