



Import necessary libraries

Import random

Import time

Define a function to simulate water level data

Def simulate_water_level():

Return random.uniform(0, 10) # Simulate water levels between 0 and 10 meters

Define a function to send alerts

Def send_alert(water_level):

If water_level > 7:

Print(f"Alert: High water level detected ({water_level} meters). Flooding possible!")

Main loop to continuously monitor water levels

While True:

Simulate water level data

Water_level = simulate_water_level()

Send alerts if necessary

Send_alert(water_level)

Sleep for a predefined interval (e.g., 15 minutes)

Time.sleep(900) # 900 seconds = 15 minutes