public class Bus

{

private int stops;

private int currentStop;

private boolean forward;

public Bus(int s)

{

stops = s;

currentStop = 1;

forward = true;

}

public int getCurrentStop()

{

return currentStop;

}

public void move()

{

if(currentStop == 1 && forward)

currentStop++;

else if(currentStop == stops)

{

currentStop--;

forward = false;

}

else if(!forward && currentStop != 1)

currentStop--;

else

{

forward = false;

currentStop++;

}

}

}

**AP Solution**

