/*You are building an employee attendance roster for a company that operates in rotational shifts.

Employees are arranged in a circular manner to represent the rotation cycle. When a new employee

joins, their name is added to the end of the rotation list. The HR can display the current roster in order.

Create a circular linked list to store employee names.

Each node should store:

• Employee name

Implement:

• insertEmployee(String name) → Insert at end

• displayRoster() → Show all employees in rotation order

*/

```
import java.util.*;
class Node
{
   String EmployeeName;
   Node next;
   public Node(String EmployeeName)
   {
      this.EmployeeName=EmployeeName;
      this.next=null;
   }
}
class EmployeeData
{
   private Node last;
   public EmployeeData()
   {
      this.last=null;
   }
   public void insertEmployee(String EmployeeName)
```

```
{
   Node newNode=new Node(EmployeeName);
   if(last==null)
   {
      last=newNode;
      last.next=last;
   }
   else
   {
      newNode.next=last.next;
      last.next=newNode;
      last=newNode;

   }
   System.out.println("The employee data is added successfully");
}
public void display()
{
   if(last==null)
   {
      System.out.println("The employee data is not available");
      return;
   }
   Node temp=last.next;
   System.out.println("The employee data is");
   do
   {
      System.out.println("Name:"+temp.EmployeeName);
      temp=temp.next;
```

```
        }while(temp!=last.next);



    }
}
    public class july14ht
    {
        public static void main(String[]args)
        {
            Scanner sc=new Scanner(System.in);
            EmployeeData ed=new EmployeeData();
            System.out.println("Enter the number of new employees");
            int no=sc.nextInt();

            sc.nextLine();
            for (int i=0;i<no;i++)
            {
                System.out.println("Enter the name of the employee:"+ (i+1));
               String EmployeeName=sc.nextLine();
               ed.insertEmployee(EmployeeName);

            }
            ed.display();
        }

    }
```