Program Start

1- Definition of variables and constants

CONSTANTS:

```
MAX_HOURS_PER_DAY = 8  # Maximum working hours per day

MAX_HOURS_PER_SHIFT = 32  # Maximum working hours per shift (4 employees x 8 hours)
```

VARIABLES:

```
employees = []

morning_shift = []

evening_night_shift = []

morning_ratings = ""

evening_night_ratings = ""
```

2- Employee information input

```
for i in range(1, 9):

    print("Enter the name of employee", i, ":")

    employee_name = input()

    print("Enter the CUIL-DNI of employee", i, ":")

    cuil_dni = input()

    print("Enter the job position of employee", i, "(Cashier-Supervisor, Ice Cream Maker-Cleaner, Ice Cream Maker-Stock Clerk):")

    job_position = input()

    print("Enter the phone number of employee", i, ":")

    phone_number = input()
```

3- Store information in the database

```
employees.append({"Name": employee_name, "ID": cuil_dni, "Position": job_position, "WorkedHours": 0, "Rating": 0})
```

4- Separate employees by shifts

```
for i in range(0, 4):
    morning_shift.append(employees[i])
    evening_night_shift.append(employees[i + 4])
```

5- Evaluate and rate each employee's performance

```
    for i in range(0, 8):
    print("Evaluation of employee", i + 1, ":")
    # Assuming additional variables to check attendance and punctuality
    attendance = get_attendance(employees[i])  # Auxiliary function to get attendance
    punctuality = get_punctuality(employees[i])  # Auxiliary function to get punctuality

    # Check conditions and assign rating
    if attendance == "Excellent" and punctuality == "Excellent":
        employees[i]["Rating"] = "Excellent"
    elif attendance == "Excellent" and punctuality == "Satisfactory":
        employees[i]["Rating"] = "Satisfactory"
    else:
        employees[i]["Rating"] = "Good"
```

```
6- Show summary of worked hours and ratings

print("Summary of worked hours and ratings:")

for i in range(0, 8):

    print("Employee", i + 1, ": Worked Hours -", employees[i]["WorkedHours"], ", Rating -", employees[i]["Rating"])


    # Simulate accumulation of worked hours

    worked_hours = get_worked_hours()  # Auxiliary function to get worked hours

    employees[i]["WorkedHours"] += worked_hours


    7- Assuming ratings are accumulated

    employees[i]["Rating"] += get_rating()  # Auxiliary function to get rating


# Show summary of worked hours and ratings

print("Summary of worked hours and ratings:")

for i in range(0, 8):

    print("Employee", i + 1, ": Worked Hours -", employees[i]["WorkedHours"], ", Rating -", employees[i]["Rating"])


Program End
```