

# Project name

Workers salary management system

# WELCOME MESSAGE

HERE IS YOUR SUBTITLE

“

I am programmer and as a programmer I solved the different problems using programming language . There is a problem which I am going to solve by making workers salary management system application. Workers salary management system was required to me from the Workers manager who is living in my village . So, I will try my all to develop a good application by which he may take help.

**-Mian Ahmad Raza**

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# Problem

In our village, there is a manager who manages workers and their salary. The workers work on construction. The manager takes attendance of every worker every day and then gives salary to workers after a week. The manager has to face many problems for managing salary and paying salary to workers. So, there is a need of such a console-based application to help the manager manage workers' salary. In an application, the manager stores data of workers' names, father names, phone numbers, and daily wages of workers. The application provides the following facilities to the manager for managing salary of workers:

The manager takes attendance of workers. If a worker is present, then the application automatically stores the daily wage of the worker in their salary. If a worker is not present, then it stores 0 in their salary. The application provides a record of every worker. The record consists of the name, father's name, phone number, and daily wage of the worker, and also consists of all the days in a week with dates, with names of days, in which the worker is present or not present, and the record also consists of the total salary of the worker in a week according to their attendance. If a worker takes advance rupees from the manager, then those rupees will be subtracted from the total salary of the worker in the record of the worker.

If the manager wants to get the record of a specific worker, then he can get the record of that specific worker in the application.



# Workers Salary Management System

If manager wants to get record of all workers , then he can get record of all workers in an application.

If manager wants to get sum of all the salaries of all workers , then he can get in an application.

Application provides the facility of clear record else name father name , phone number and waging of worker of a day, if worker take his salary after a week.

If worker does not want to take his salary after a week , then application provides the facility to save record of the worker.

If worker wants to get salary after two ,or more days or week or month, then application provides the facility to worker for taking salary at any time from manager.

If manager wants to change waging of a specific worker of a day then he can change in an application.

# Workers Salary Management System

Application also provides the facility for getting total numbers of worker.

Application also provides the facility for deleting any worker.

Application also provides the facility for changing any thing like name, phone number in the record of worker.

Application also provides facility for getting anything like name, phone number of worker.



# **Workers Salary Management System**



# Solutions

Workers salary management system may be consists of many classes but from these classes worker organizer consists of following method and these method may be not enough for worker organizer class other method will be added according to requirements



## Print record of specific worker

This method will print record of a specific worker.  
The record consists of name, father name, phone number and daily waging salary and total salary of a worker and all the days in which he worked



## Delete worker

This method will delete of a worker



## Attendance of workers

This method will take attendance of worker .this method also consists of print name method and add waging in salary of worker.



## Print record of all worker

This method will print record of all student



## Print name

This method will print name of all worker



## Sum of salaries of all worker

This method will addition of salaries of all workers



## Clear record

This method will delete record of worker else name , father name, phone number , waging of worker of a day



## Add workers

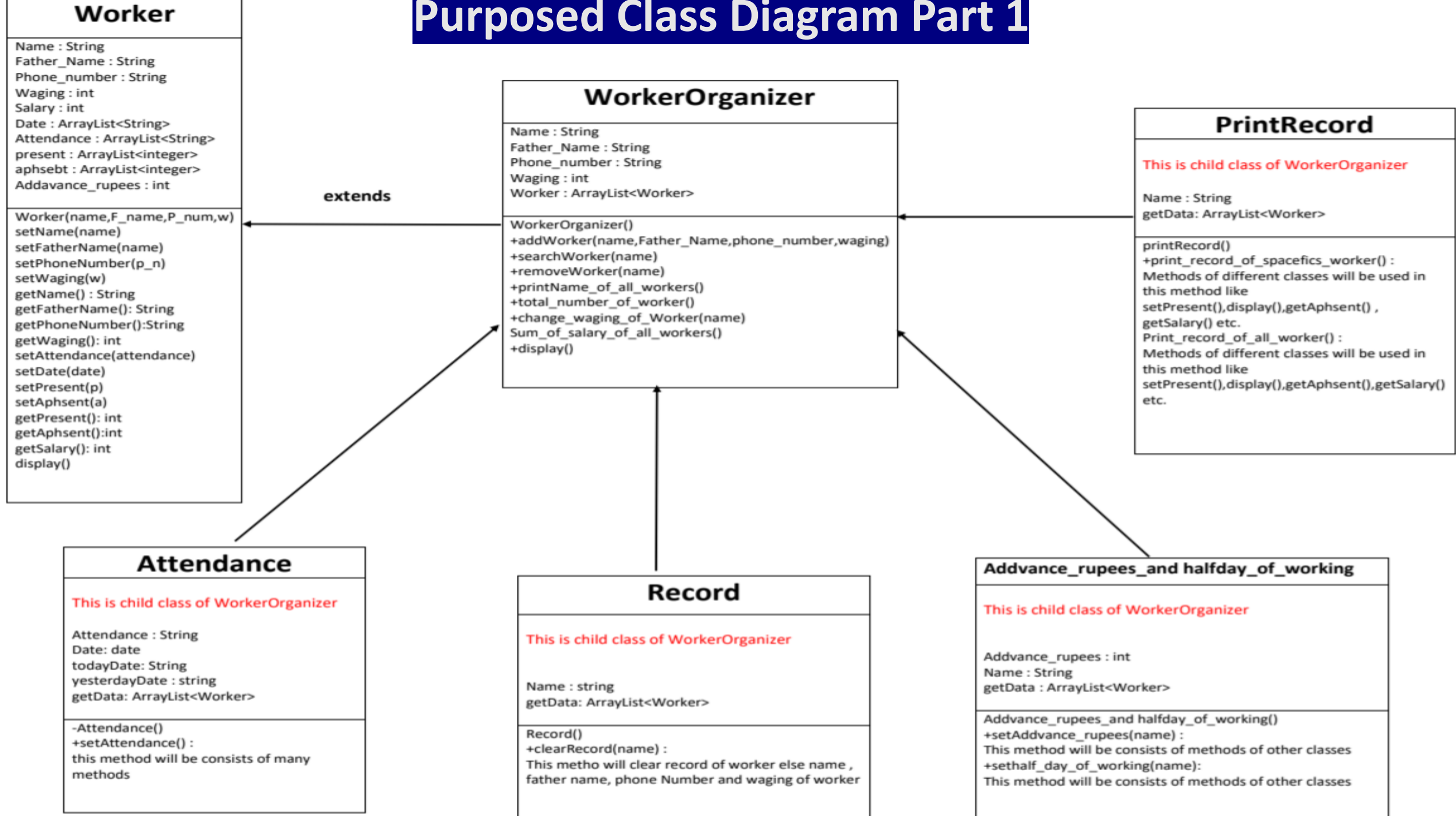
This method will add worker's name , father name , phone number and waging of a worker of a day



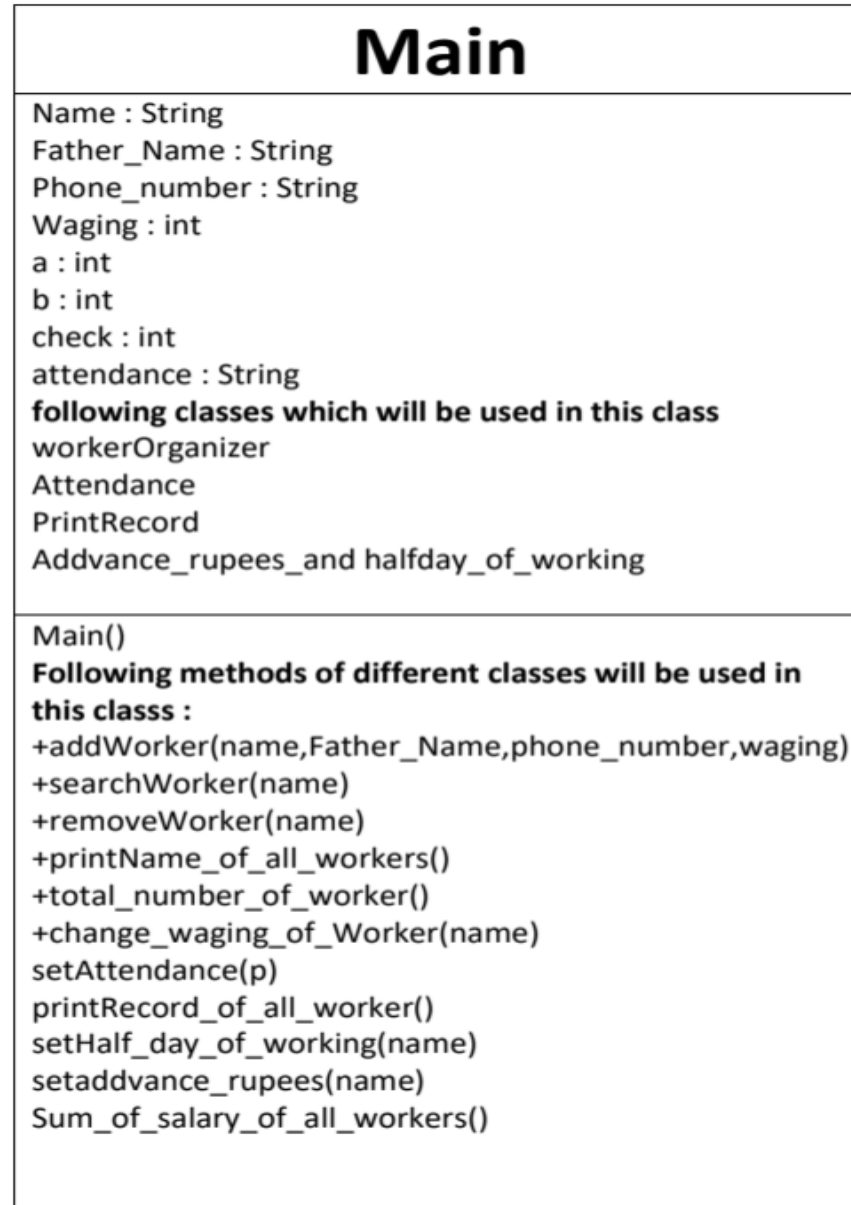
## Add waging in salary of worker

This method will add waging of worker of day in salary of a worker if he is present

# Purposed Class Diagram Part 1

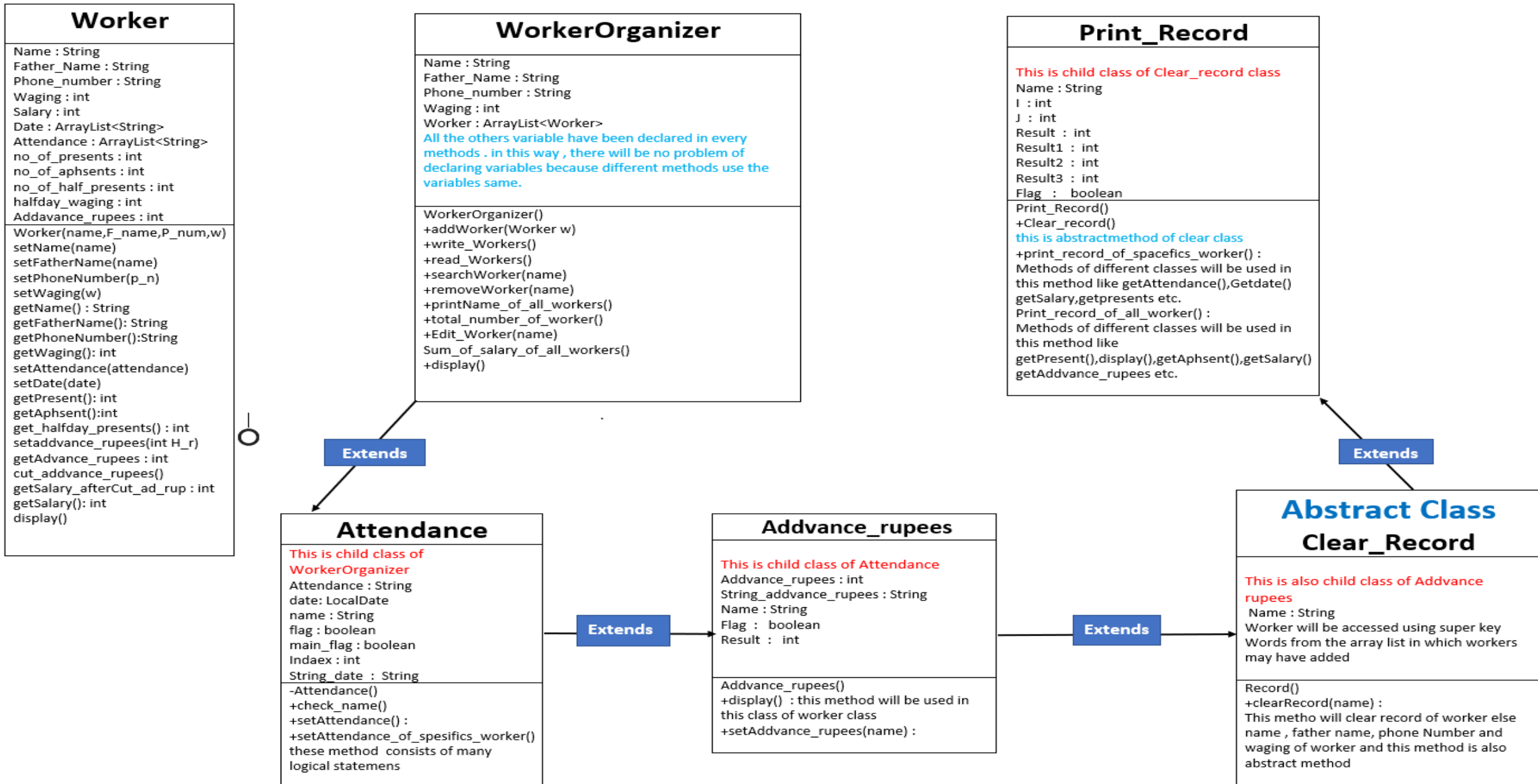


# Purposed class diagram part 2

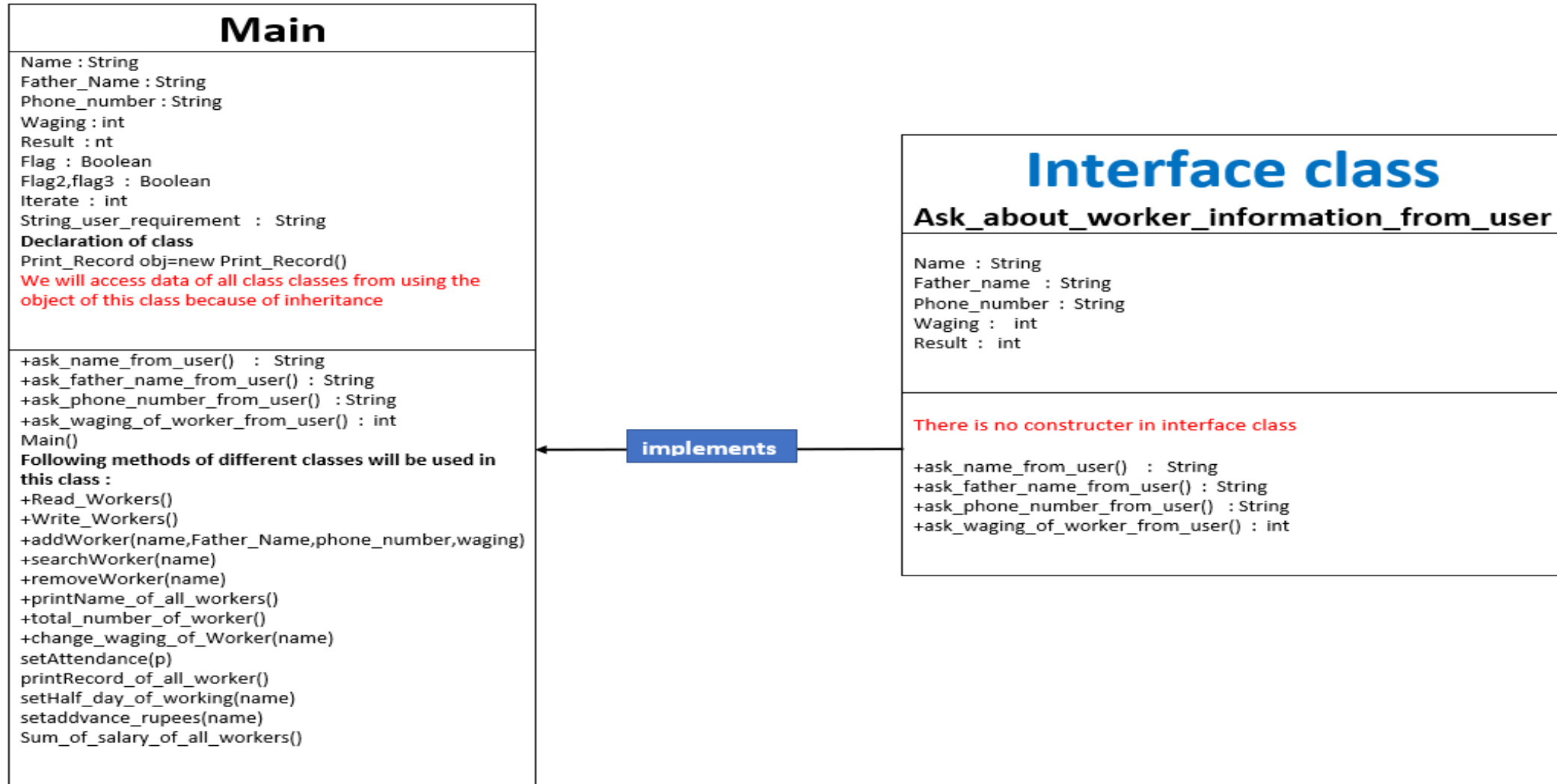




# Class Diagram part 1



# Class Diagram part 2



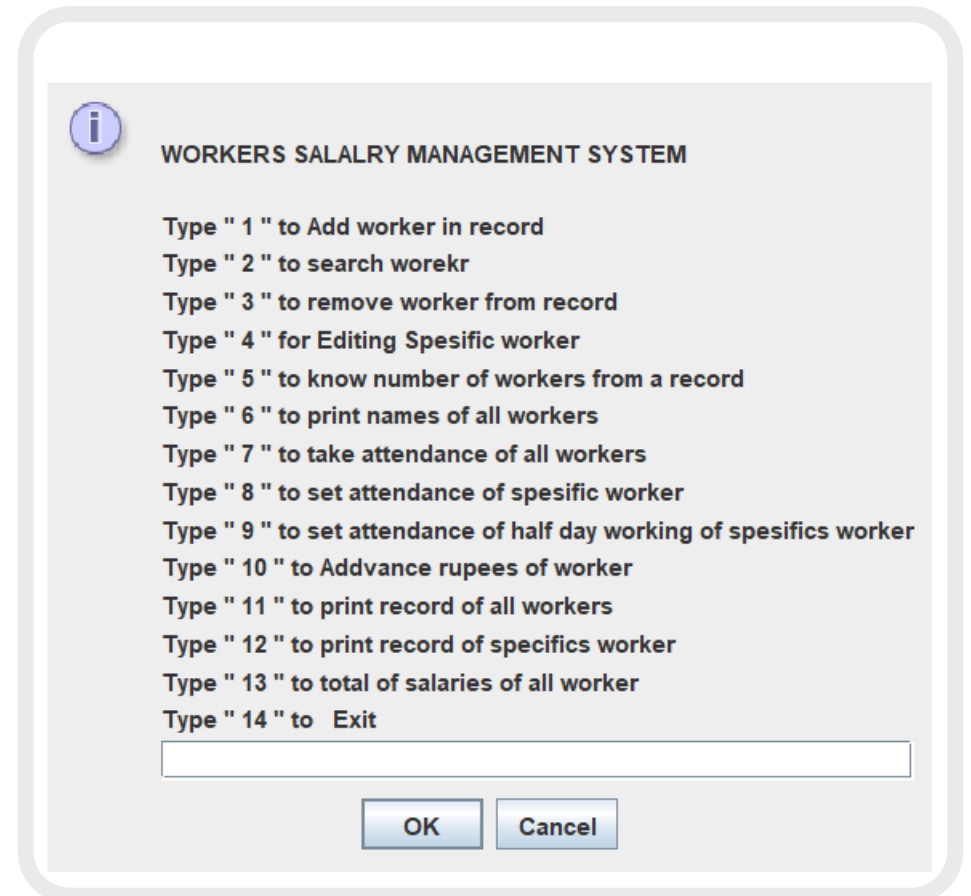
# Solutions

Now I will explain all the solutions of the problems which I explained in problem statements . The solution of the problem will be explained with the screen shots in the following :

## Menue

First of all menu will be shown in your screen when you will start workers salary management system application. In menu, you will select all the functionality which you want like adding worker in record, editing worker, taking attendance , to know the number of workers , print record of all the workers , remove worker from the record etc.

## Screen shot of the Menue

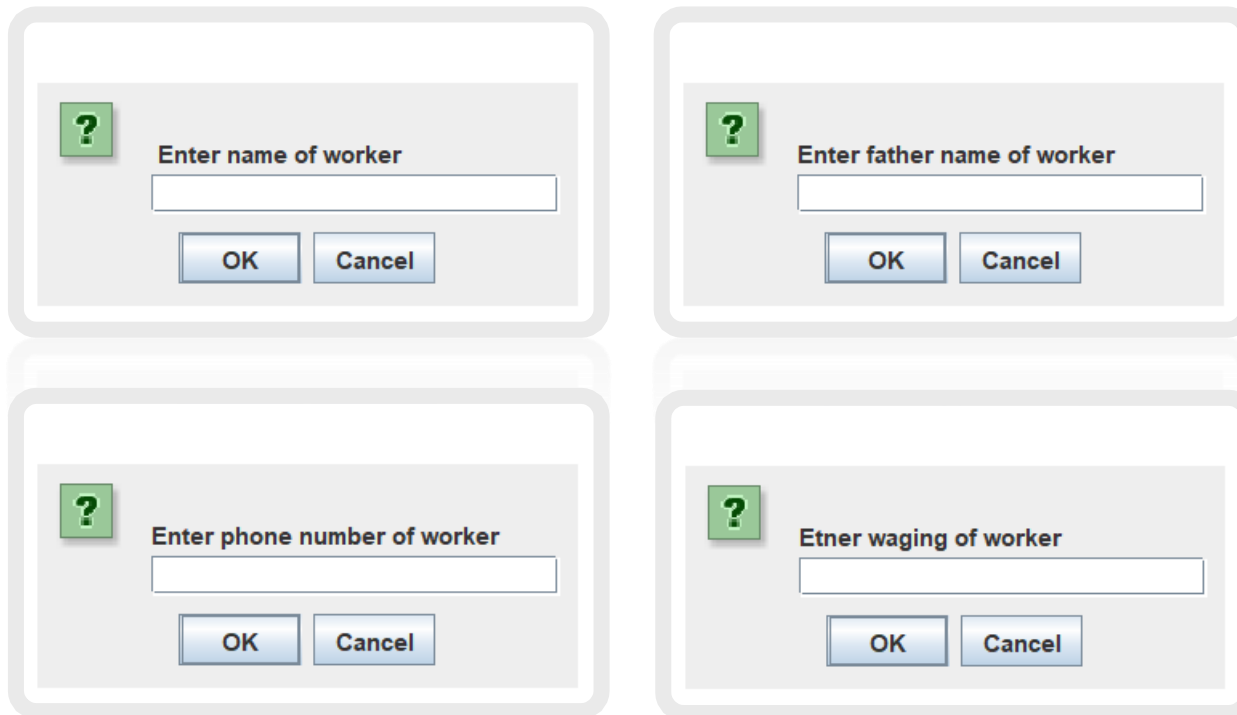


# Solutions

## Add workers

first of all you will have to add workers in the record to manage the salary of the workers . In the process of adding you will have to write the name , father name , phone number and waging of the worker.

### Screen shots of the Add workers



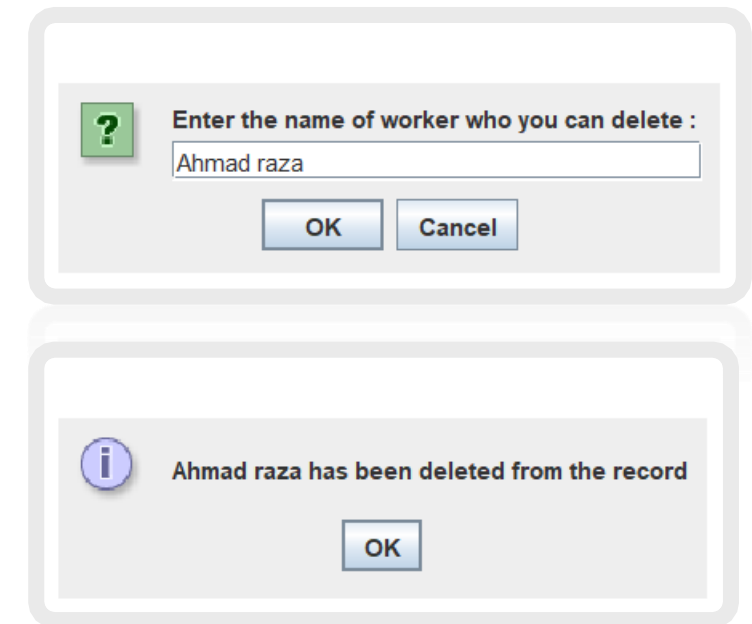
The 'Add workers' form consists of four sequential input screens, each with a green question mark icon in the top left corner. Each screen has a text label, an input field, and 'OK' and 'Cancel' buttons at the bottom.

- Screen 1:** Labeled 'Enter name of worker' with an empty input field.
- Screen 2:** Labeled 'Enter father name of worker' with an empty input field.
- Screen 3:** Labeled 'Enter phone number of worker' with an empty input field.
- Screen 4:** Labeled 'Enter waging of worker' with an empty input field.

## Remove Worker

this function provides to you the facility of removing the worker from the record. if you want to remove the worker from the record than you have to write the name of the worker . If the name of the worker will not find from the record than error will be shown on the screen.

### Screen shots of the remove worker



The 'Remove Worker' process is shown in two sequential screens. The first screen has a green question mark icon and asks for the worker's name. The second screen has a purple information icon and displays a confirmation message.

- Screen 1:** Labeled 'Enter the name of worker who you can delete :'. The input field contains 'Ahmad raza'. 'OK' and 'Cancel' buttons are at the bottom.
- Screen 2:** Displays the message 'Ahmad raza has been deleted from the record' next to a purple information icon. An 'OK' button is at the bottom.

# Solutions

## Print record of worker

This function provides the facility to you get the record of specific worker or all the workers . To get the record of specific worker you will have to write the name of worker and then the record of worker will be displayed on the screen . In this record, the name , father name, phone number and the waging of the worker will be displayed . Else it the record of attendance of the worker with the day name , date and attendance will be displayed . and you will also will be told you the total presents, leaves and half presents of the working days. You will also be told you about the advance rupees of the worker which may have been taken from the worker.

## Screen shots



\*\*\*\*\* ( The reord of worker ) \*\*\*\*\*

Name of worker is : Ahmad

Father Name is : ameen

Phone number of worker is : 03034282933

The waging of worker is : 1200

OK



Total Presents in working days : 1

Total Aphsent in working days : 1

Total Half attendance is : 0

Waging of Ahmad is : 1200

Total salary of Ahmad is : 1200

Took Advance rupees are : 0

Do you want to cut advance rupees from salary of worker?

Yes

No

Cancel



The days of working :

Date is : 2020-09-05

Day name is : Saturday

Attendance is : P

OK

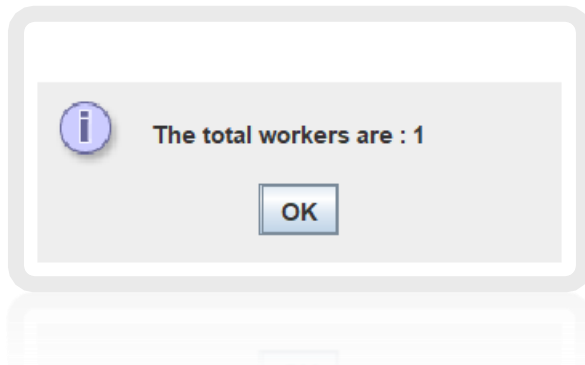


# Solutions

## Know the total number of workers

this function provides to you the facility of to know the total number of workers.

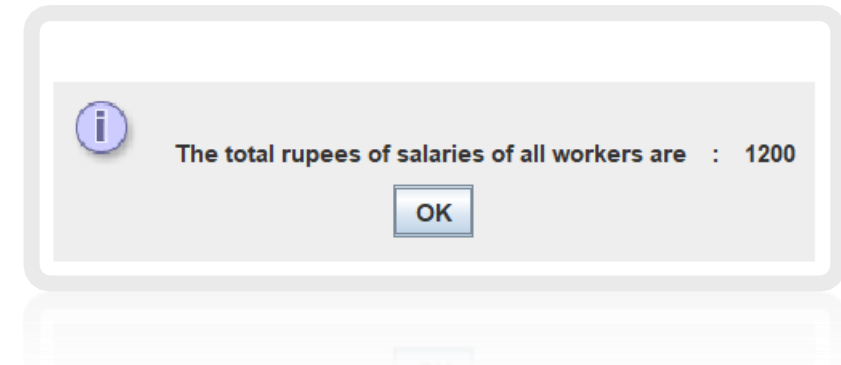
### Screen Shot



## Total of salaries of all the workers

you can know the total of salaries of all the workers .

### Screen Shot



# Solutions

## Take attendance of all the workers

This function provides the facility of taking attendance of all the workers . In this function , first of all the the day name and date of the day will be shown on the screen and than you will be allowed to take attendance of the workers. If worker is presents then enter “P” if workers is not present than enter “A” and if worker is half present in the day than enter “Half” .

## Screen Shots



Today date is : 2020-09-05      Day name is : Saturday  
Now take attendance of every worker

OK



Name is : Ahmad  
Father name is : ameen

Enter "P" if he is present  
Enter "A" if he is not Present  
Enter " Half " if he is present in half days

OK

Cancel



Enter the name of worker who took advance rupees

Ahmad

OK

Cancel



Enter the advance rupees of the worker which he took advance

OK

Cancel

# THANK YOU

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