Employee Module

Pseudocode and Flowchart

Pseudocode for Job grade of employee.

START

Declare for employee job grade

Prompt for employee job grade

Get employee job grade

If (job grade=='A') then

Payrate=3

els if (job grade=='B')

Payrate=5

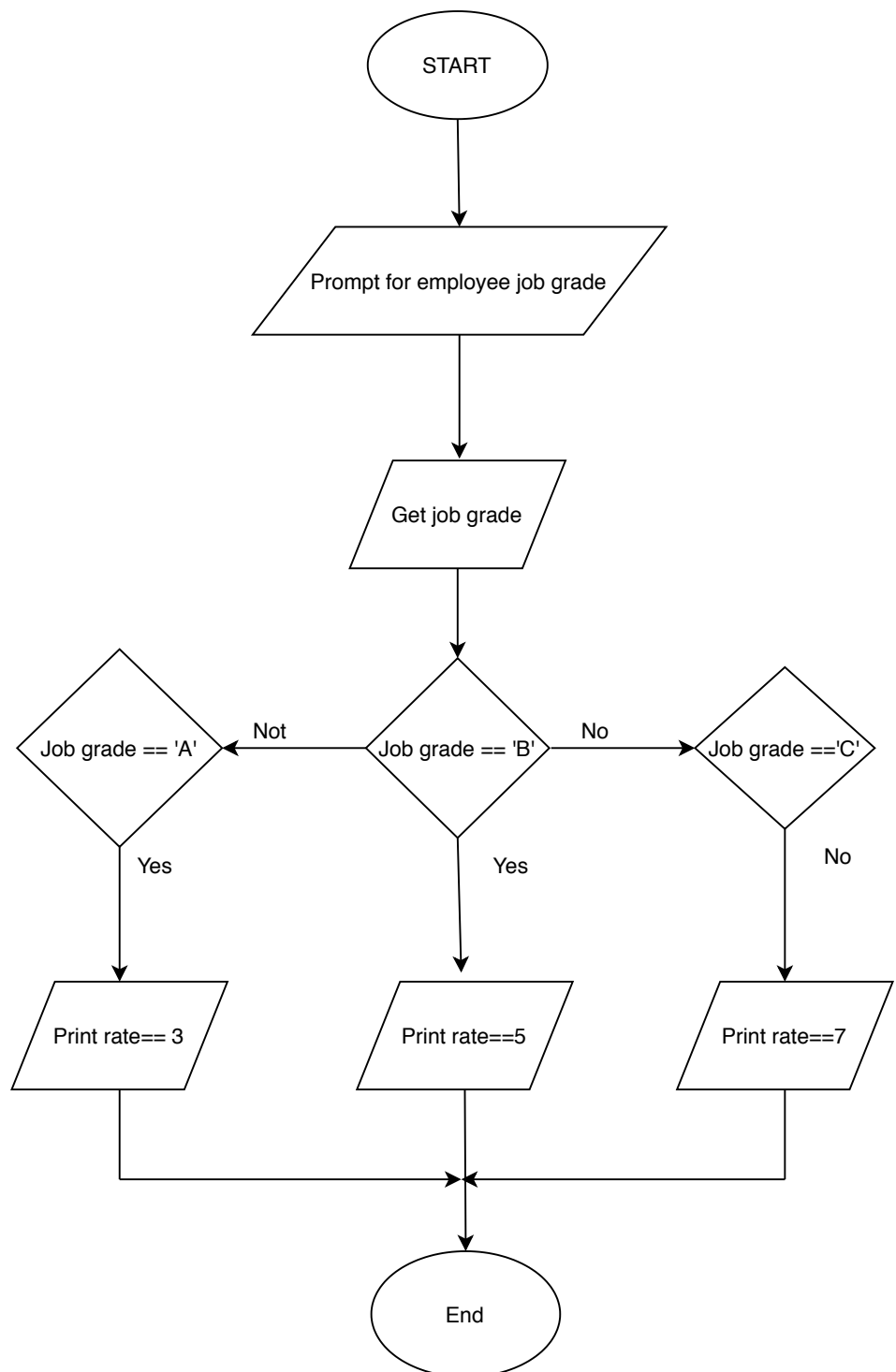els if(job grade=='C')

Payrate=7

end els if

end els if

End

START

Prompt for employee job grade

Get job grade

Job grade == 'A' | Not | Job grade == 'B' | No | Job grade =='C'

Yes | Yes | No

Print rate== 3 | Print rate==5 | Print rate==7

End

Pseudocod and Flowchart

Program that tracts employees . employment status.

Pseudocode

Start

Prompt for employee status

Get employee status
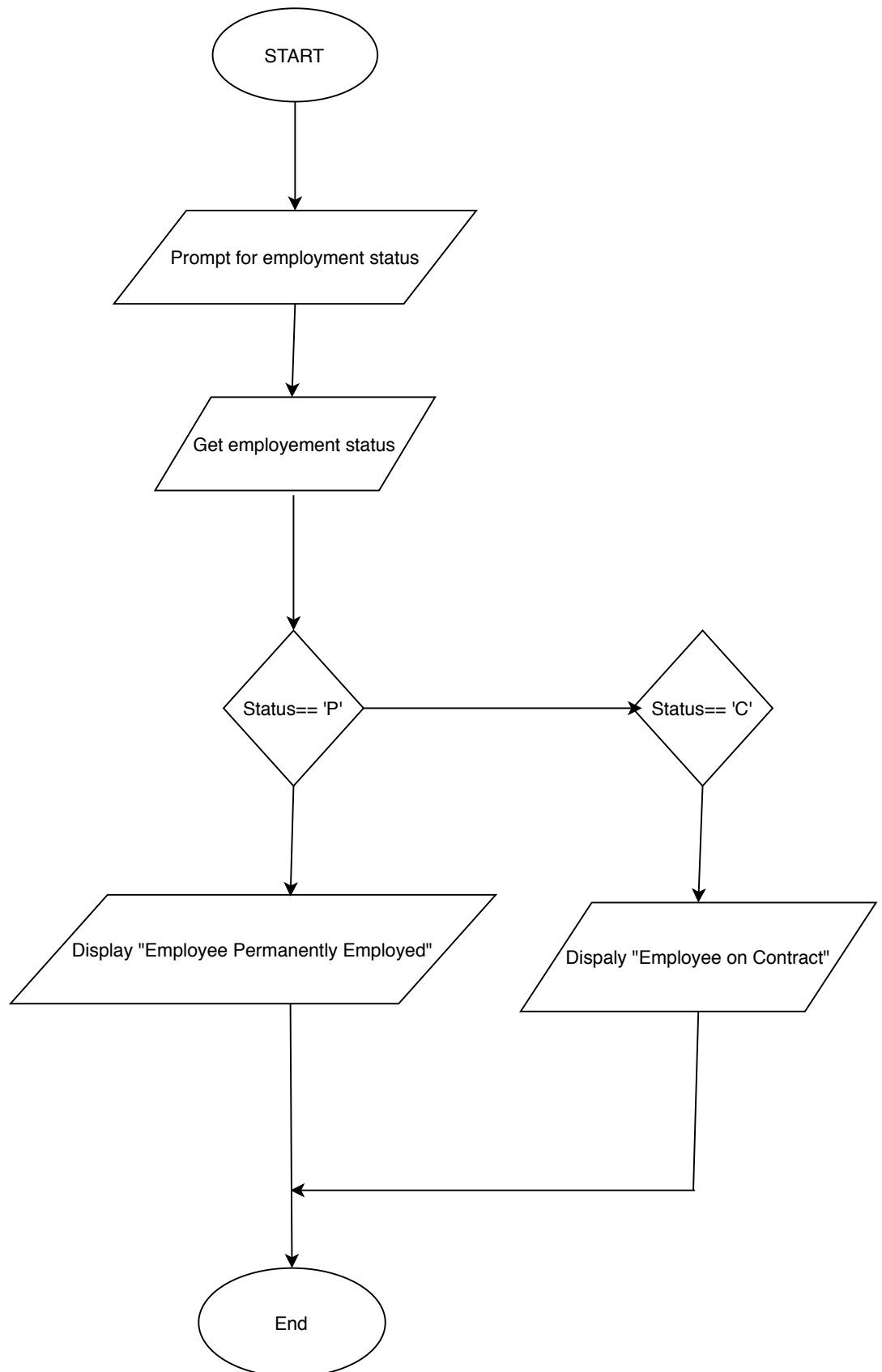
If (employee status== ' P') then

(Print " Permanently employed")

els if(employee status== 'C')

(Print "On contract")

end els if

End

```
                    ┌─────────────┐
                    │    START    │
                    └─────────────┘
                          │
          ┌───────────────────────────────┐
         /   Prompt for employment status   /
          └───────────────────────────────┘
                          │
          ┌───────────────────────────────┐
         /   Get employement status         /
          └───────────────────────────────┘
                          │
                    Status== 'P'  ───────────►  Status== 'C'
                          │                          │
          ┌────────────────────────────┐   ┌──────────────────────────┐
         / Display "Employee Permanently/   / Dispaly "Employee on      /
         /  Employed"                   /   /  Contract"                /
          └────────────────────────────┘   └──────────────────────────┘
                          │                          │
                          ◄──────────────────────────┘
                          │
                    ┌─────────────┐
                    │     End     │
                    └─────────────┘
```

Pseudocode

Program that calculates monthly salary of employees.

Pseudocode

Start

Prompt for hours worked

Prompt for pay rate

Get hours worked
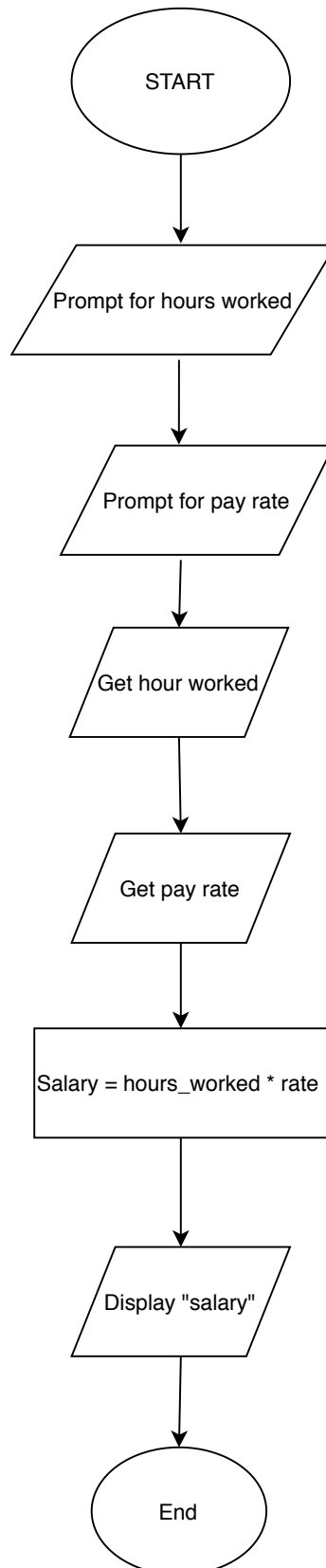
Get pay rate

calculate Salary== hours_worked * rate

Display "Salary"

End

```mermaid
flowchart TD
    A([START]) --> B[/Prompt for hours worked/]
    B --> C[/Prompt for pay rate/]
    C --> D[/Get hour worked/]
    D --> E[/Get pay rate/]
    E --> F[Salary = hours_worked * rate]
    F --> G[/Display "salary"/]
    G --> H([End])
```

START

Prompt for hours worked

Prompt for pay rate

Get hour worked

Get pay rate

Salary = hours_worked * rate

Display "salary"

End

Pseudocode

Start

Prompt for employee information

Read employee information

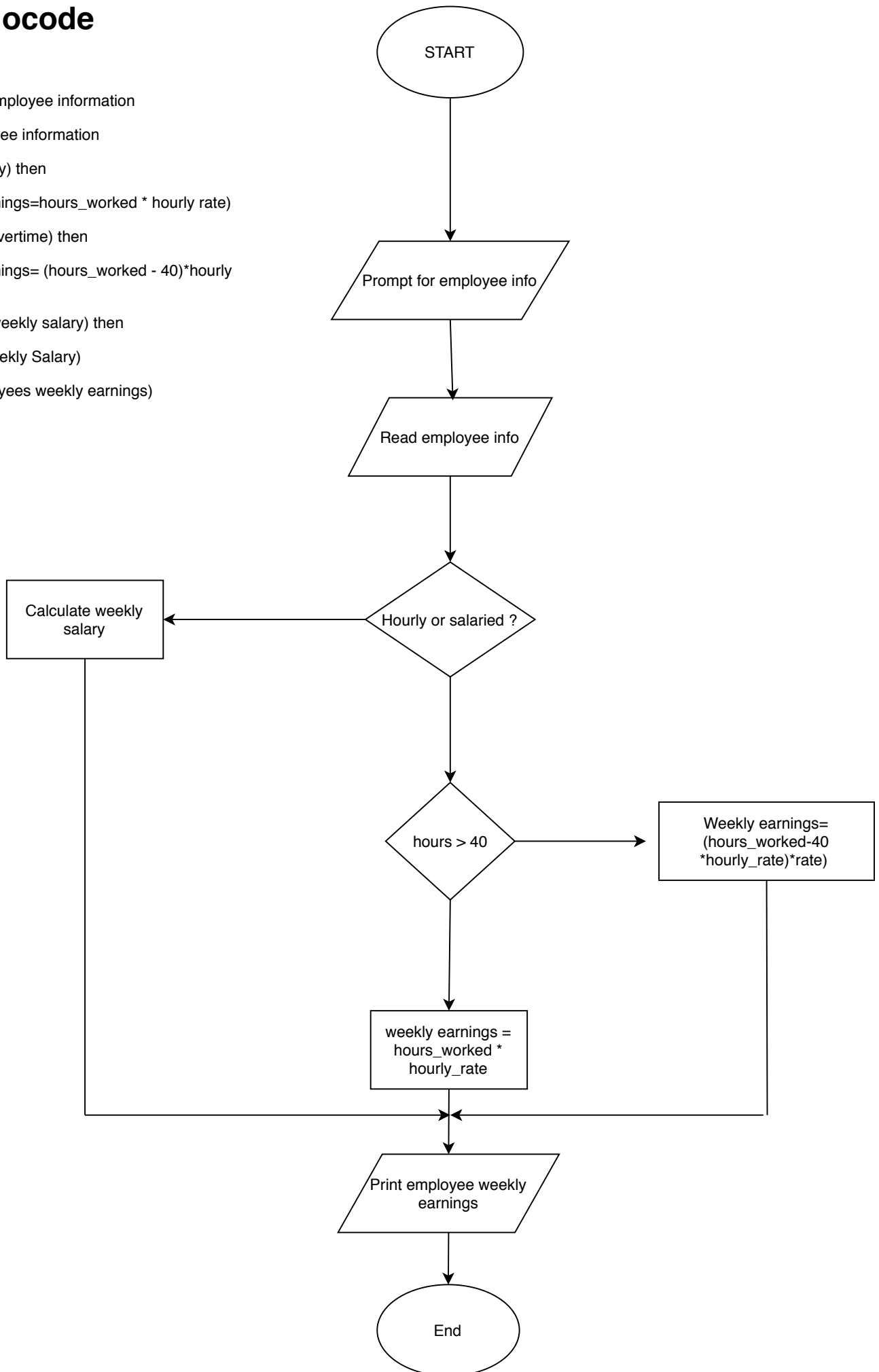if (paid hourly) then

(weekly earnings=hours_worked * hourly rate)

els if (paid overtime) then

(weekly earnings= (hours_worked - 40)*hourly rate *rate)

els if (Paid weekly salary) then

(calculate weekly Salary)

(Print "employees weekly earnings)

START

Prompt for employee info

Read employee info

Hourly or salaried ?

Calculate weekly salary

hours > 40

Weekly earnings= (hours_worked-40 *hourly_rate)*rate)

weekly earnings = hours_worked * hourly_rate

Print employee weekly earnings

End

Employee Hierarchical module view

```
                        ┌──────────────┐
                        │   Employee   │
                        └──────┬───────┘
          ┌────────────────────┼────────────────────┐
┌──────────────────┐   ┌──────────────┐      ┌──────────────┐
│ Contact details  │   │ Qualificaction│      │   JOB info   │
│  and personal    │   │              │      │              │
│      info        │   └──────┬───────┘      └──────┬───────┘
└────────┬─────────┘          │               ┌─────┴──────┐
   ┌─────┴──────┐      ┌──────────────┐  ┌──────────┐ ┌──────────────┐
┌──────────┐ ┌──────────────┐ │  Job grade   │  │Attendance│ │ Hours worked │
│ Residence│ │Contact details│└──────────────┘  └──────────┘ └──────────────┘
└──────────┘ └──────────────┘
```