Algorithm

Flowchart

Pseudocode

```
Over Time
1.Input Employee
2.Input Payrate
3. Hourworked
4.While Employee > 0
    5.Input Timeworked
    6.If Timework > Hourworked
         Then
           OT =
             Timeworked – Hourwork
           Salary =
             (Timeworked – OT) *
             Payrate + (OT * PayRate
              * 1.5)
      Else
         Salary =
              Timework * Payrate
      Print Salary
      Employee – 1
 WhileEnd
7.Exit
```

```
Employee
                                       Hours worked
                                       Employee > 0
                                       Time worked
                      True
                                                            False
                                       Timeworked >
   OT = Timeworked > Hourworked
                                                             Salary = Hours
                                                            worked * Pay rate
Salary = (Hours worked - OT) * Pay rate
       (Works Over*pay rate)1.5
                                       print(Salary)
                                 Employee = Employee - 1
```

```
Over Time
Input Employee
Input Payrate
Hourworked = 160
While Employee > 0
  Input Timeworked
  If Timeworked > Hourworked
    OT = Timeworked – Hourworked
    Salary = (Timeworked - OT) *
Payrate + (OT * PayRate * 1.5)
   Eles
     Salary = Timeworked * Payrate
   Print Salary
   Employee = Employee - 1
WhileEnd
End
```