**EMPLOYEE WAGES**

MASTER

|  |
| --- |
| public class EmpWages { |
|  |  |
|  | public static void main(String[] args) { |
|  | // TODO Auto-generated method stub |
|  | System.out.println("Welcome to Employee \r\n" + |
|  | "Wage Computation \r\n" + |
|  | "Program\r\n" + |
|  | ""); |
|  | } |
|  |  |
|  | } |

UC1

|  |
| --- |
| public class EmpWages { |
|  |  |
|  | public static void main(String[] args) { |
|  | // TODO Auto-generated method stub |
|  | int randomMark =(int)(Math.random()\*10%2); |
|  | if(randomMark==1) |
|  | System.out.println("Employee is Present"); |
|  | else |
|  | System.out.println("Employee is Absent"); |
|  | } |
|  |  |
|  | } |

UC2

|  |
| --- |
| public class EmpWages { |
|  |  |
|  | final static int wagePerHour = 20; |
|  | final static int TotalWorkingHour=8; |
|  |  |
|  |  |
|  | public static void main(String[] args) { |
|  | // TODO Auto-generated method stub |
|  | int randomMark =(int)(Math.random()\*10%2); |
|  | if(randomMark==1) |
|  | System.out.println("Employee is Present"); |
|  | else |
|  | System.out.println("Employee is Absent"); |
|  |  |
|  | if(randomMark==1) { |
|  | System.out.println("Total wage of Employee "+ TotalWorkingHour\*wagePerHour); |
|  | } |
|  | else { |
|  | System.out.println("N/A as Employee is Absent"); |
|  | } |
|  | } |
|  |  |
|  | } |

UC3

|  |
| --- |
| public class EmpWages { |
|  |  |
|  | final static int wagePerHour = 20; |
|  | final static int TotalWorkingHourFullTime=8; |
|  | final static int TotalWorkHourPartTime=8; |
|  |  |
|  |  |
|  | public static void main(String[] args) { |
|  | // TODO Auto-generated method stub |
|  | int randomMark =(int)(Math.random()\*10%3); |
|  |  |
|  | if(randomMark==1) { |
|  | //Full Time |
|  | System.out.println("Total wage Full Time : "+ TotalWorkingHourFullTime\*wagePerHour); |
|  | } |
|  | else if(randomMark==2){ |
|  | //Part Time |
|  | System.out.println("Total wage Part Time : "+TotalWorkingHourFullTime\*wagePerHour); |
|  | } |
|  | else { |
|  | //Not Present |
|  | System.out.println("N/A Not an Employee"); |
|  | } |
|  | } |
|  |  |
|  | } |

UC4

|  |
| --- |
| public class EmpWages { |
|  |  |
|  | final static int wagePerHour = 20; |
|  | final static int TotalWorkingHourFullTime=8; |
|  | final static int TotalWorkHourPartTime=8; |
|  |  |
|  |  |
|  | public static void main(String[] args) { |
|  | // TODO Auto-generated method stub |
|  | int randomMark =(int)(Math.random()\*10%3); |
|  |  |
|  | switch(randomMark) { |
|  | case 1: |
|  | System.out.println("Total wage Full Time : "+ TotalWorkingHourFullTime\*wagePerHour); |
|  | break; |
|  | case 2: |
|  | System.out.println("Total wage Full Time : "+ TotalWorkingHourFullTime\*wagePerHour); |
|  | break; |
|  | default: |
|  | System.out.println("N/A Not an Employee"); |
|  | } |
|  | } |
|  |  |
|  | } |

UC5

|  |
| --- |
| public class EmpWages { |
|  |  |
|  | final static int wagePerHour = 20; |
|  | final static int TotalWorkingHourFullTime=8; |
|  | final static int TotalWorkHourPartTime=8; |
|  | final static int TotalWorkDayPerMonth=20; |
|  |  |
|  | public static void main(String[] args) { |
|  | // TODO Auto-generated method stub |
|  | int randomMark =(int)(Math.random()\*10%3); |
|  |  |
|  | switch(randomMark) { |
|  | case 1: |
|  | System.out.println("Total Monthly wage Full Time : "+ TotalWorkDayPerMonth\*TotalWorkingHourFullTime\*wagePerHour); |
|  | break; |
|  | case 2: |
|  | System.out.println("Total Monthly wage Full Time : "+ TotalWorkDayPerMonth\*TotalWorkingHourFullTime\*wagePerHour); |
|  | break; |
|  | default: |
|  | System.out.println("N/A Not an Employee"); |
|  | } |
|  | } |
|  |  |
|  | } |

UC6

|  |
| --- |
| public class EmpWages { |
|  |  |
|  | final static int wagePerHour = 20; |
|  | final static int TotalWorkingHourFullTime=8; |
|  | final static int TotalWorkHourPartTime=8; |
|  | final static int maxWorkDayPerMonth=20; |
|  | final static int maxWorkHour=100; |
|  |  |
|  | public static void main(String[] args) { |
|  | // TODO Auto-generated method stub |
|  | int TotalWorkHour=0; |
|  | int TotalWorkDays=0; |
|  |  |
|  | while(TotalWorkHour<=maxWorkHour && TotalWorkDays<=maxWorkDayPerMonth) { |
|  | int randomMark =(int)(Math.random()\*10%3); |
|  | if(randomMark!=0) |
|  | { |
|  | switch(randomMark) { |
|  | case 1: |
|  | TotalWorkHour+=TotalWorkingHourFullTime; |
|  | break; |
|  | case 2: |
|  | TotalWorkHour+=TotalWorkHourPartTime; |
|  | break; |
|  | default: |
|  | break; |
|  | } |
|  | } |
|  | TotalWorkDays++; |
|  | } |
|  |  |
|  | System.out.println("Total Work days : " + TotalWorkDays + " Total Work Hour " + TotalWorkHour + "Total Monthly Wage : " + TotalWorkHour\*TotalWorkDays\*wagePerHour); |
|  | } |
|  |  |
|  | } |