UC1

public class EmpWageBuilderUC1

{

Public static void main(String []args)

{

Int IS\_FULL\_TIME=1;

Double empCheck =Math.floor(Math.random() \* 10 )%2;

If(empcheck == IS\_FULL\_TIME) {

System.out.println(“Employee is Present”);

}

Else

{

System.out.println(“Employee is Absent”);

}

UC2

Public class EmpWageBuilderUC1

{

Public static void main(String []args)

{

Int IS \_FULL\_TIME=1;

Int Emp\_Rate\_PER\_Hour=20;

Int empHrs=0;

Int empWage=0;

Double empcheck=Math.floor(Math.random() \*10) %2;

If(empCheck == IS\_FULL\_TIME)

empHrs=8;

else

empHrs=0;

empWage =empHrs \*EMP\_RATE\_PER\_HOUR;

System.out.println(“EmpWage:+empWage”);

}

}

UC3

Public class EmpWageBuilderUC3

{

Public static void main(String []args)

{

Int IS \_Part\_TIME=1;

Int IS \_FULL\_TIME=2;

Int Emp\_Rate\_PER\_Hour=20;

Int empHrs=0;

Int empWage=0;

Double empcheck=Math.floor(Math.random() \*10) %3;

If(empCheck == IS \_Part\_TIME)

empHrs=8;

else if If(empCheck == IS \_Full\_TIME)

empHrs=4;

else

empHrs=0;

empWage =empHrs \*EMP\_RATE\_PER\_HOUR;

System.out.println(“EmpWage:+empWage”);

}

}

UC4

Public class EmployeeWageBuilder

{

**Public static final**  **int** IS\_PART\_TIME=1;

**Public static final** **int** IS\_FULL\_TIME=2;

**Public static final**  **int** EMP\_RATE\_PER\_HOUR=20;

**Public static final**  **int** NUM\_OF\_WORKING\_DAYS=2;

int empHrs=0;

Int empWage=0;

totalEmpWage=0;

for(int day =0;day<NUM\_OF\_WORKING\_DAYS;day++)

int empcheck=(int)Math.floor(Math.random() \*10) %3;

switch(empCheck )

case IS \_Part\_TIME;

empHrs=4;

break;

If(empCheck == IS \_FULL\_TIME)

empHrs=8;

break;

default:

empHrs=0;

}

empWage=empHrs \* EMP\_RATE\_PER\_HOUR:

System.out.println(“Emp Wage:”+ empWage);

}

System.out.println(“Total Emp Wage:”+total empWage);

}

UC5

public class EmployeeWageBuilderMultiCompany

{

Int empHrs=0;

Int empWage=0;

totalEmpWage=0;

while(totalEmpHrs=<=MAX\_HRS\_IN\_MONTH&&

totalWorkingDays<NUM\_OF\_WORKING\_DAYS)

totalWorkingDays++;

int empcheck=(int)Math.floor(Math.random() \*10) %3;

switch(empCheck )

case IS \_Part\_TIME;

empHrs=4;

break;

If(empCheck == IS \_FULL\_TIME)

empHrs=8;

break;

default:

empHrs=0;

}

empHrs=empHrs ;

System.out.println(“totalWorkingDAys:”+ totalWorkingDAys);

}

Int totalEmpWage=totalEmpHrs \* EMP\_RATE\_PER\_HOUR;

System.out.println(“Total Emp Wage:”+total empWage);

}

UC\_6

public class EmployeeWageBuilderMultiCompany

{

Int empHrs=0;

Int empWage=0;

totalEmpWage=0;

while(totalEmpHrs=<=MAX\_HRS\_IN\_MONTH&&

totalWorkingDays<NUM\_OF\_WORKING\_DAYS)

totalWorkingDays++;

int empcheck=(int)Math.floor(Math.random() \*10) %3;

switch(empCheck )

case IS \_Part\_TIME;

empHrs=4;

break;

If(empCheck == IS \_FULL\_TIME)

empHrs=8;

break;

default:

empHrs=0;

}

empHrs=empHrs ;

System.out.println(“totalWorkingDAys:”+ totalWorkingDAys);

}

Int totalEmpWage=totalEmpHrs \* EMP\_RATE\_PER\_HOUR;

System.out.println(“Total Emp Wage:”+total empWage);

}