1)

```java
import java.util.Scanner;
class Employee
{

    private String empid;
    private String empname;
    private int empnohrs, extrahours;
    private double emp basic, emphra, empde, empit, empgross;

    Scanner ss = new Scanner (System.in);

    void getDetails()
    {
        System.out.println("Enter the Employee Details:");
        System.out.println("ID: ");
        empid = ss.next();
        System.out.println("Name: ");
        empname = ss.next();
        System.out.println("Basic Pay: ");
        empbasic = ss.nextDouble();
        System.out.println("Health Allowance in %: ");
        emp hra = ss.nextDouble();
        System.out.println("Dental Allowance in % : ");
        empde = ss.nextDouble();
        System.out.println("Income tax in %: ");
        empit = ss.nextDouble();
        System.out.println("Number of working hours: ");
        empnohrs = ss.nextInt();
    }

    void gross pay()
    {
        emp gros = empbasic + empbasic * (emphrs/100) + empbasic * (empde/100)
                    - empbasic * (empit/100);
        system.out.println("The Gross Pay is:" + empgross);
        extrawork();
    }
```
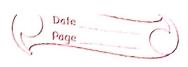
```java
private void extrawork()
{

    if (empnohrs > 200)
    {

        extrahours = empnohrs - 200;
        empgross + = 100* extra hours;
        System.out.println("Extra Hours " + extrahours);
        System.out.println("The Gross Pay After Extra Hours : " +
                            empgross);

    }

    else if (emphours < 200)
    {

        extrahours = 200 - empnohrs;
        empgross - = 100* extrahours;
        System.out.println("Number of hour worked less : " + extrahours);
        System.out.println("The Gross pay after deducting : " + empgross)

    }

}

class Employee Main
{

    public static void main (String args[])
    {

        Employee e1 = new Employee();
        e1.getDetails();
        e1.gross pay();

    }

}
```

```
2) import java.util.Scanner;
class Age
{
    private byte years, months;
    private String name;
    Scanner ss= new Scanner(System.in);
    void getDetails()
    {
        System.out.println("Enter the name : ");
        name = ss.next();
        System.out.println("Enter the Age: ");
        System.out.println("Years : ");
        years = ss.nextByte();
        System.out.println("Months : ");
        months = ss.nextByte();
    }
    double getAge()
    {
        return (years +(months/12));
    }
    public String toString()
    {
        return("Name: "+name+" \n The Age is \n Years: "+years+
            " \n months : "+ months );
    }
}
```

```
class Age Main
{
    public static void main (String args[]);
    {
        Age b1 = new Age();
        b1. get Details ();
        Age b2 = new Age();
        b2. get Details();
        System. out. println(b1);
        System. out. println(b2);
        System. out. println("The Eldest person among the two is: ");
        if ( b1. get Age() > b2. get Age())
            System. out. println(b1);
        else
            System. out. println(b2);
    }

}
```