

### Extra Programs:

```
1. import java.util.Scanner;
class Employee
{
    private int empid, emphours;
    private String empname;
    private double empbasic;
    private double emphra, empda, empft;
    private double empgross;

    void accept()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter employee id:");
        empid = sc.nextInt();
        System.out.println("Enter employee name:");
        empname = sc.next();
        System.out.println("Enter the Basic pay of the employee:");
        empbasic = sc.nextDouble();
        System.out.println("Enter the number of hours the employee  
has worked for:");
        emphours = sc.nextInt();
    }
}
```

```
System.out.println("Enter the House rent allowance(%.):");  
empdra = sc.nextDouble();
```

```
System.out.println("Enter dearness allowance(%.):");  
empda = sc.nextDouble();
```

```
System.out.println("Enter Income tax(%.):");  
empit = sc.nextDouble();
```

```
3  
void calculate()
```

```
{  
    if (empnohrs > 200)
```

```
{  
        empgross = empbasic + ((empbasic * empdra)/100) + ((empbasic *  
            empda)/100) - ((empbasic * empit)/100) + ((empnohrs - 200)  
            * 100);
```

```
    }
```

```
else
```

```
{  
    empgross = empbasic + ((empbasic * empdra)/100) + ((empbasic *  
        empda)/100) - ((empbasic * empit)/100) - ((200 - empnohrs)  
        * 100);
```

```
    }  
}
```

```
void display()
```

```
{  
    System.out.println("Employee details are:");
```

```
    System.out.println("ID: " + empid);
```

```
    System.out.println("NAME: " + empname);
```

```
    System.out.println("EMPGROSS: " + empgross);
```

```
    }  
}
```

```
Class EmployeeMain
```

```
{  
    public static void main(String args[])
```

```
{  
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter the number of employees:");
```

```
        int n = sc.nextInt();
```

```
        Employee e[] = new Employee[n];
```

```
        for (int i = 0; i < n; i++)
```

```
{
```

```
            e[i] = new Employee();
```

```
        }
```



```

for (int i = 0; i < n; i++)
{
    System.out.println("Enter Employee " + (i+1) + " details");
    c[i].accept();
    e[i].calculate();
}
for (int i = 0; i < n; i++)
{
    e[i].display();
}
}
}

```

```

2. import java.util.Scanner;
class Age
{
    private int years, months;
    private String name;
    private int a;

    void accept()
    {
        System.out.println("Enter name:");
        Scanner sc = new Scanner(System.in);
        name = sc.next();
        System.out.println("Enter age in years and months:");
        years = sc.nextInt();
        months = sc.nextInt();
    }

    int calculate()
    {
        if (years > 1)
        {
            a = (years * 12) + months;
        }
        else
        {
            a = years + months;
        }
        return a;
    }

    void display()
    {
        System.out.println("Person with name " + name + " is " + a + " years old");
    }
}
}

```

```
class AgeMain
{
    public static void main (String args[])
    {
        age a1 = new age();
        age a2 = new age();
        a1.accept();
        a2.accept();
        if (a1.calculate() > a2.calculate())
        {
            a1.display();
        }
        else
        {
            a2.display();
        }
    }
}
```