

Q)

```
import java.util.Scanner;

class Age
{
    int years;
    int months;
    double age;

    void take()
    {
        Scanner a = new Scanner(System.in);
        System.out.println("enter the age of ayesha");
        years = a.nextInt();
        System.out.println("enter the age of Suleman");
        months = a.nextInt();
    }

    double age() {
        age = years * 52.143 + months * 4.345;
        return age;
    }
}

class Main {
    public static void main(String args[])
    {
        String name1 = "ayesha";
        String name2 = "Suleman";
        Age r1 = new Age();
        Age r2 = new Age();
        r1.take();
        r2.take();
    }
}
```

```
if (r2.age() > r1.age())
```

```
{
```

```
System.out.println("ayesha is elder than Suleman");
```

```
}
```

```
if (r2.age() < r1.age())
```

```
{
```

```
System.out.println("Suleman is elder than ayesha");
```

```
}
```

```
}
```

```
}
```

1]

```
import java.util.Scanner;
```

```
class Employee
```

```
{
```

```
int empid;
```

```
String empname; int empnohrs;
```

```
int empbasic; double emphra; double empda;
```

```
double empit; double empgrals;
```

```
void accept()
```

```
{
```

```
Scanner xx = new Scanner(System.in);
```

```
System.out.println("Enter details");
```

```
System.out.println("Enter ID:");
```

```
empid = xx.nextInt();
```

```
System.out.println("Enter Name:");
```

```
empname = xx.next();
```

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

OOT LAB WEEK 5 - EXTRA QUESTIONS

Program and output LIBETHA B

1BM19CS079

```

empnohrs = xx.nextInt();
System.out.println("Enter basic salary:");
empbasic = xx.nextInt();
System.out.println("Enter HRA in %");
emphra = xx.nextDouble();
System.out.println("Enter DA in %");
empda = xx.nextDouble();
System.out.println("Enter IT in %");
empit = xx.nextDouble();
}

double Salary() {
}

empgross = empbasic + (empbasic * (emphra/100)) +
            (empbasic * (empda/100)) -
            (empbasic * (empit/100));

return empgross;
}

void overtime()
{
    int x; if (empnohrs > 200)
    {
        x = empnohrs - 200;
        x *= 100;

        System.out.println("additional payment = " + x + "\n");
        gross salary after addition = " + (empgross + x));
    }
    else if (empnohrs < 200)
    {
        x = 200 - empnohrs;
        x *= 100;
    }
}

```

System.out.println("reduced payment = " + x + "\n gross
salary after addition = " + (empgross + x));

}

else if (empnohrs < 200)

{

x = 200 - empnohrs;

x* = 100;

System.out.println("reduced payment = " + x + "\n
gross salary after reduction = " + (empgross - x));

}

}

class Main

{

public static void main (String ss[])

{

Employee e1 = new Employee ();

e1.accept();

e1.display();

System.out.println("The gross salary is = " + e1.empgross);

e1.answer();

}

}