week 9

Total marks . java

student class !!

```java
package cie;
import java·util;
public class student
{
    public string usn;
    public string name;
    public int sem;
    public void student details ()
    {
        Scanner s = new Scanner(system.in);
        System. out. println ("Enter usn of stodent:");
        usn = s. next ();
        system. out. println ("Enter Name of student:");
        name = s. next ();
        System. out. println ("Enter Semaster of student:");
        sem = s. next Int();
    }
}
```

Internals class !

```java
package cie;
```

```java
import java.util;
public class Internals
{
    public int i;
    public int internalmarks [];
    public void internals ()
    {
        Scanner s=new Scanner (System.in);
        internal marks = new int [5];
        System.out.println ("Enter marks of obtained by student in Internals
                            in 5 subjects ");
        for (i=0; i<5; i++)
        {
            System.out.println ("Enter Internal marks of student in subjects
                                "+(i+1)+" :");
            for(i=0; i<5; i++)
            {
                System.out.println ("Enter Internal marks of student in subjects
                                    "+(i+1)+":");
                internal marks [i] = s.nent Int();
            }
        }
    }
}
```

Enternal class !

package See ;

```
import cie.;
import yara.util;
public class External extends cie.students
{
    public int i;
    public int external [];
    public void externals ()
{
    Scanner S =new Scanner (system.in);
    external=new int [5];
    System.out.println ("Enter marks of obbained by students in 5
                            subjects ");
    for (i=0 ; i<5; i++)
{
    system.out.println ("Enter marks of students in subjects "+(i+1)
                                    : ");
    external [i]= S.next Int();
}
}
}

Driver class !!
import cie.;
import see;
import yara.util;
int n=s.next Int();
```

```java
cie.students s[] = new cie.student [n];
cie.internals c[] = new cie.Internals [n];
see.Externals e[] = new see.Externals [n];
System.out.println ("Enter Details of students");
for(int i=0; i<n; i++)
{

  s[i] = new cie.student ();
  c[i] = new cie.Internals ();
  e[i] = new see.Externals ();
  s[i].studentDetails();
  c[i].internals ();
  e[i].externals ();
}

for. [9] (int i=0 ; i<n; i++)
  {

    for (int j=0 ; j<5; j++)
{

    total[j] = c[i].internalmarks[j] + e[i].external[j]/2;
}

System.out.println ("Total marks for students " + (i+1)+" in each
                    subjects are: ");
for (int i=0; j<5; j++)
{

  System.out.println ('Total marks in subjects " + (j+1)+'for student
                    " + (i+1)+" is "+ total[j]);
}

}
}
}
```