

Package Explorer

- > Abstraction
- > CollageDetails
- > controlStat
- > DataType
- > EmployeeDetails
 - > JRE System Library [JavaSE-1.8]
 - > src
 - > org.emp
 - > Employee.java
- > GreensAddress
- > Inheritance
- > PolyMorphism
- > String
 - > JRE System Library [JavaSE-1.8]
 - > src

Employee.java

```
1 package org.emp;
2
3 // Day 1 Q1
4
5 public class Employee {
6     private void empId() {
7         System.out.println("Day1 Q1");
8         System.out.println("\n"+ "Emp id"+"\t"+247);
9     }
10    private void empName() {
11        System.out.println("Name"+" \t"+"Gowtham");
12    }
13    private void empDob() {
14        System.out.println("Dob"+" \t"+"11-05-1995");
15    }
16    private void empPhone() {
17        System.out.println("phon"+" \t"+"85266993311");
18    }
19    private void empEmail() {
20        System.out.println("Email"+" \t"+"gowthamtamilmani@gmail.com");
21    }
22    private void empAddress() {
23        System.out.println("Address"+" \t"+"Chidambaram");
24    }
25    public static void main(String[] args) {
26        Employee c=new Employee();
27        c.empId();
28        c.empName();
29        c.empDob();
30        c.empEmail();
31        c.empPhone();
32        c.empAddress();
33    }
34 }
35
```

Quick Access

<terminated> Employee [Java Application] C:\Program
Day1 Q1

Emp id	247
Name	Gowtham
Dob	11-05-1995
Email	gowthamtamilmani@gmail.com
phon	8526699331
Address	Chidambaram

org.emp
Employ

- em
- em
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- > String
 - > JRE System Library [JavaSE-1.8]
 - > src

Amar.java profil.java Employee.java *GreensTech.java

```
1 package org.add;
2 // Day1 Q2
3 public class GreensTech {
4     private void greensOmr() {
5         System.out.println("Day1 Q2");
6         System.out.println("\n"+"Dubai main road");
7     }
8     private void greensAdayar() {
9         System.out.println("Dubai kurukusanthu");
10    }
11    private void greensTambaram() {
12        System.out.println("Dubai");
13    }
14    private void greensVelacherry() {
15        System.out.println("chennai main road");
16    }
17    private void greensAnnaNagar() {
18        System.out.println("chennai kuruku santhu");
19    }
20    public static void main(String[] args) {
21        GreensTech c=new GreensTech();
22        c.greensOmr();
23        c.greensAdayar();
24        c.greensTambaram();
25        c.greensVelacherry();
26        c.greensAnnaNagar();
27    }
28 }
29 }
```

Quick Access

<terminated> GreensTech [Java Application] C:\Progran
Day1 Q2

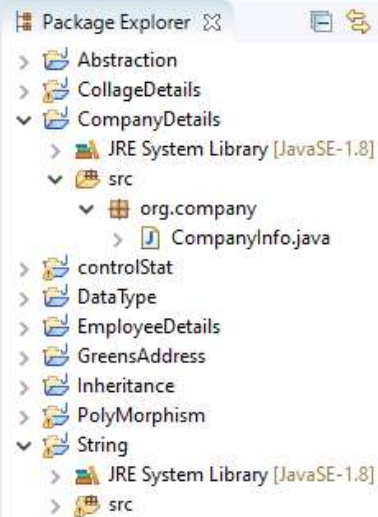
Dubai main road
Dubai kurukusanthu
Dubai
chennai main road
chennai kuruku santhu

org.add
GreensT
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gre
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ma

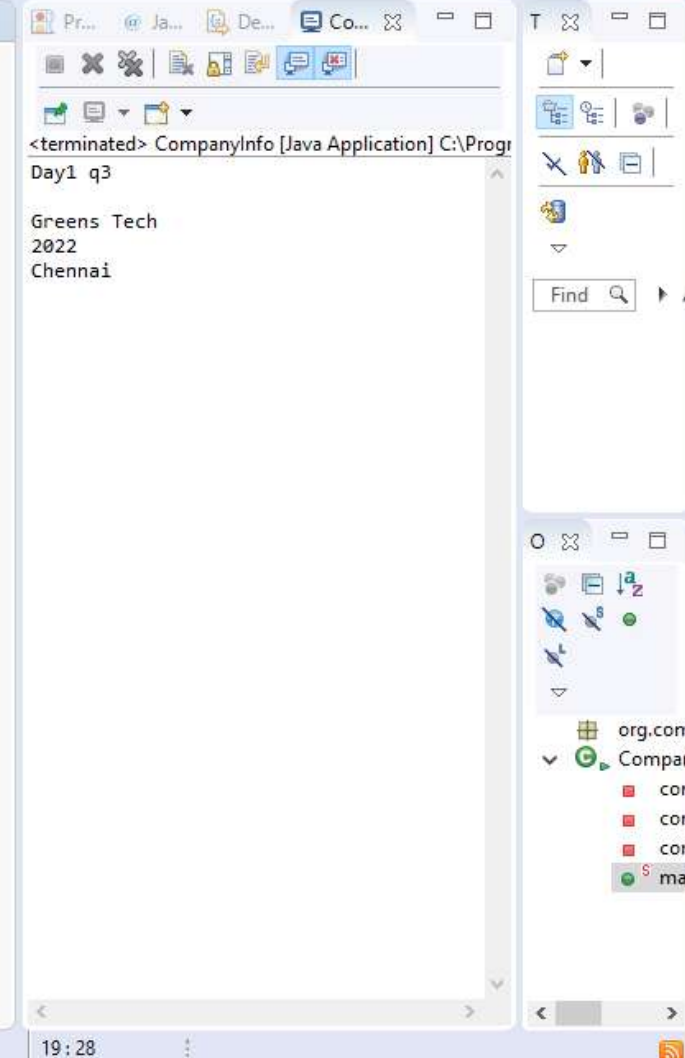
Writable

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29 : 1



```
1 package org.company;
2
3 // Day1 Q3
4 public class CompanyInfo {
5     private void companyName() {
6         System.out.println("Day1 q3");
7         System.out.println("\n"+"Greens Tech");
8     }
9     private void companyId() {
10        System.out.println(2022);
11    }
12    private void companyAddress() {
13        System.out.println("Chennai");
14    }
15    public static void main(String[] args) {
16        CompanyInfo c=new CompanyInfo();
17        c.companyName();
18        c.companyId();
19        c.companyAddress();
20    }
21 }
22
23
```





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 - src
 - org.lang
 - LanguageInfo.java
 - StateDetails.java
- MyPhone
- PolyMorphism
- String

```
1 package org.lang;
2 // Day1 Q5
3 public class StateDetails {
4     private void southIndia() {
5         System.out.println("\n"+"States in South India");
6         System.out.println("Tamilnadu"+"\\n"+"kerala"+"\\n"+"Andrapradesh'
7     }
8     private void northIndia() {
9         System.out.println("\n"+"Staes in North India");
10        System.out.println("Delhi"+"\\n"+"Punjab"+"\\n"+"Gujurath");
11    }
12    public static void main(String[] args) {
13        LanguageInfo l=new LanguageInfo();
14        StateDetails s=new StateDetails();
15        l.tamilLanguage();
16        l.englishLanguage();
17        l.hindiLanguage();
18        s.southIndia();
19        s.northIndia();
20    }
21 }
22 }
23 }
```

Tamil Language = My Mother toung

English Language = World Common Language

Hind Language = One of the Language in India

States in South India

Tamilnadu

kerala

Andrapradesh

karnadaga

Staes in North India

Delhi

Punjab

Gujurath



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 - Client.java
 - Company.java
 - Employee.java
 - Project.java
- GreensAddress
- Inheritance
- LanguageDetails
- MyPhone
- PolyMorphism
- String

Editor

Employee.java

```
1 package org.emp;
2 // Day1 Q6
3 public class Employee {
4     public void Gowtham() {
5         System.out.println("Day1 Q6"+"\\n");
6         System.out.println("Employee Name")
7         System.out.println("*****");
8         System.out.println("Gowtham");
9     }
10    public void amar() {
11        System.out.println("Amar");
12    }
13 }
14 public void Gsn() {
15     System.out.println("GSn");
16 }
17 public static void main(String[] args)
18     Employee e=new Employee();
19     e.Gowtham();
20     e.amar();
21     e.Gsn();
22     Company c= new Company();
23     c.Mitoy();
24     c.mitoyFoods();
25     c.mitoyConstruction();
26     Client l=new Client();
27     l.Orange();
28     l.Mango();
29     l.Apple();
30     Project p=new Project();
31     p.Orange();
32     p.Mango();
33     p.Apple();
34 }
35
36 }
37
```

Company.java

```
1 package org.emp;
2
3 public class Company {
4     public void Mitoy() {
5         System.out.println("\\n"+"Company Na
6         System.out.println("*****");
7         System.out.println("Mitoy");
8     }
9     public void mitoyFoods() {
10        System.out.println("Mitoy Food");
11    }
12 }
13 public void mitoyConstruction() {
14     System.out.println("Mitoy Construct
15 }
16 }
17 public static void main(String[] args)
18     Company c=new Company();
19 }
20
21 }
22
```

Client.java

```
1 package org.emp;
2
3 public class Client {
4     public void Orange() {
5         System.out.println("Orange");
6     }
7     public void Mango() {
8         System.out.println("Mango");
9     }
10    public void Apple() {
11        System.out.println("Apple");
12    }
13 }
14
```

Project.java

```
1 package org.emp;
2
3 public class Project {
4     public void Orange() {
5         System.out.println("Orange");
6     }
7     public void Mango() {
8         System.out.println("Mango");
9     }
10    public void Apple() {
11        System.out.println("Apple");
12    }
13 }
14
```

Console

<terminated> Employee (1) [Java Application] C:\Progr
Day1 Q6

Employee Name

Gowtham
Amar
GSn

Company Name

Mitoy
Mitoy Food
Mitoy Construction

client

Orange
mango
Apple

Project

Orange juice
Mango Juice
Apple Juice

Outline

- org.emp
- Employee
 - Gowtham()
 - amar()
 - Gsn()
 - main()



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- > MyPhone
- > PhoneDetails
 - > JRE System Library [JavaSE-1.8]
 - > src
 - > org.phone
 - > ExternalStorage.java
 - > InternalStorage.java
- > PolyMorphism
- > String

ExternalStorage.java InternalStorage.java

```
1 package org.phone;
2 //Day1 Q7
3 public class InternalStorage {
4     private void processorName() {
5         System.out.println("Qualcom");
6     }
7     private void ramSize() {
8         System.out.println(3);
9     }
10    public static void main(String[] args) {
11        ExternalStorage a=new ExternalStorage();
12        a.size();
13        InternalStorage b=new InternalStorage();
14        b.processorName();
15        b.ramSize();
16    }
17 }
18 }
19 }
```

Quick Access



<terminated> InternalStorage [Java Application]

```
Day1 Q7
5.5
Qualcom
3
```

Find



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Package Explorer

- > Abstraction
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 - > org.college
 - > College.java
 - > Dept.java
 - > Hostel.java
 - > Student.java
- > CompanyDetails
- > controlStat
- > DataType
- > EmployeeDetails
- > EmployeeInformation
- > GreensAddress
- > Inheritance
- > LanguageDetails
- > MyPhone
- > PhoneDetails
- > PolyMorphism
- > String

College.java Student.java Hostel.java Dept.java

```
1 package org.college;
2 //Day1 Q8
3
4 public class College {
5     public void collegeName() {
6         System.out.println("Day1 Q8");
7         System.out.println("Collage Name = Annamalai University");
8     }
9     public void collegeCode() {
10        System.out.println("College code = "+001);
11    }
12    public void collegeRank() {
13        System.out.println("College Rank = NAC 'A'");
14    }
15    public static void main(String[] args) {
16        College c=new College();
17        c.collegeName();
18        c.collegeCode();
19        c.collegeRank();
20        Student s=new Student();
21        s.studentName();
22        s.studentDept();
23        s.studentId();
24        Hostel h=new Hostel();
25        h.hostelName();
26        Dept d=new Dept();
27        d.deptName();
28    }
29 }
30
31
```

Quick Access



<terminated> College [Java Application] C:\Prog

Day1 Q8

Collage Name = Annamalai Universit

College code = 1

College Rank = NAC 'A'

Name = Gowtham

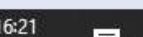
Student Dep = Manufacturing

Student Id = 131040659

Hostel Name = Golden Jublee

Dept Name = Enineering

Find



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31: 1



34°C Partly sunny

ENG
IN16:21
03/04/2022



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- > String
- > VehicleInformation
 - > JRE System Library [JavaSE-1.8]
 - > src
 - > org.allvehicle
 - > Vehicle.java
 - > org.fourwheeler
 - > FourWheeler.java
 - > org.threewheeler
 - > ThreeWheeler.java
 - > org.twowheeler
 - > TwoWheller.java

```
1 package org.allvehicle;
2
3 // Day1 Q9
4 import org.fourwheeler.FourWheeler;
5 import org.threewheeler.ThreeWheeler;
6 import org.twowheeler.TwoWheller;
7
8 public class Vehicle {
9     public void VehicleNecessary() {
10         System.out.println("Transport");
11     }
12     public static void main(String[] args) {
13         TwoWheller t=new TwoWheller();
14         ThreeWheeler T=new ThreeWheeler();
15         FourWheeler f=new FourWheeler();
16         t.bike();
17         t.cycle();
18         T.Auto();
19         f.Bus();
20         f.car();
21
22     }
23
24 }
25
```

Probl...

<terminated> Vehicle [Java Application] C:\Program Files\Java\jre

Two wheeler

Scotter
Gear Bike
Gear cycle
Non gear cycle

Three wheelar

Petrol Auto
Desel Auto
Ac Bus Non-Ac buss

Fourwheeler

Eletric car Petrol car Desel car

Find

org.allv
Vehicle
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- > EmployeeInformation
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- > Inheritance
- > LanguageDetails
- > MyPhone
- > NetworkInformation
 - > JRE System Library [JavaSE-1.8]
 - > src
 - org.network
 - Lan.java
 - MobileData.java
 - Wifi.java
 - Wireless.java
 - > PhoneDetails
 - > PolyMorphism
 - > String
 - > TransportInformation
 - > VehicleInformation

Wifi.java

```
1 package org.network;
2 //Day1 Q11
3 public class Wifi {
4     public void wifiName() {
5         System.out.println("Day1 Q11");
6         System.out.println("wifi Name = Mitoy open source");
7     }
8     public static void main(String[] args) {
9         Wifi w=new Wifi();
10        w.wifiName();
11        MobileData m=new MobileData();
12        m.dataName();
13        Lan l=new Lan();
14        l.lanName();
15        Wireless n=new Wireless();
16        n.modamName();
17    }
18 }
19
20
```

Console

```
<terminated> Wifi [Java Application] C:\Program Files\Java\jre1.8.0_311\
Day1 Q11
wifi Name = Mitoy open source
Mobile DataName = Mitoy Air
LanName = Mitoy Fiber
ModamName wireless = Mitoy Dongal
```

org.network
Wifi
wifiName()
main(String[] args)



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- > Inheritance
- > LanguageDetails
- > MyPhone
- > NetworkInformation
- > PhoneDetails
- > PolyMorphism
- > String
- ▼ StringNew
 - > JRE System Library [JavaSE-1.8]
 - ▼ src
 - ▼ org.string
 - > stringworkout.java
 - > TransportInformation
 - > VehicleInformation

*stringworkout.java

```
1 package org.string;
2
3 public class stringworkout {
4     public static void main(String[] args) {
5         String n="Gowtham Tamilmani 123";
6         String n1="gowtham tamilmani 123";
7         int length = n.length();
8         System.out.println(length);
9         char charAt = n.charAt(8);
10        System.out.println(charAt);
11        int indexOf = n.indexOf('m');
12        System.out.println(indexOf);
13        int lastIndexOf = n.lastIndexOf('m');
14        System.out.println(lastIndexOf);
15        String upperCase = n.toUpperCase();
16        System.out.println(upperCase);
17        String lowerCase = n.toLowerCase();
18        System.out.println(lowerCase);
19        boolean empty = n.isEmpty();
20        System.out.println(empty);
21        String substring = n.substring(3);
22        System.out.println(substring);
23        CharSequence subSequence = n.subSequence(4, 10);
24        System.out.println(subSequence);
25        boolean startsWith = n.startsWith("Gow");
26        System.out.println(startsWith);
27        boolean endsWith = n.endsWith("321");
28        System.out.println(endsWith);
29        boolean contains = n.contains("tham");
30        System.out.println(contains);
31        boolean equals = n.equals(n1);
32        System.out.println(equals);
33        boolean equalsIgnoreCase = n.equalsIgnoreCase(n1);
34        System.out.println(equalsIgnoreCase);
35        int compareTo = n.compareTo(n1);
36        System.out.println(compareTo);
37        int compareToIgnoreCase = n.compareToIgnoreCase(n1);
38        System.out.println(compareToIgnoreCase);
39        int compareTo2 = n1.compareTo(n);
```

Quick Access

Pro... @ Jav... Dec... Co...

<terminated> stringworkout [Java Application] C:\Progra

21

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6

13

GOWTHAM TAMILMANI 123

gowtham tamilmani 123

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