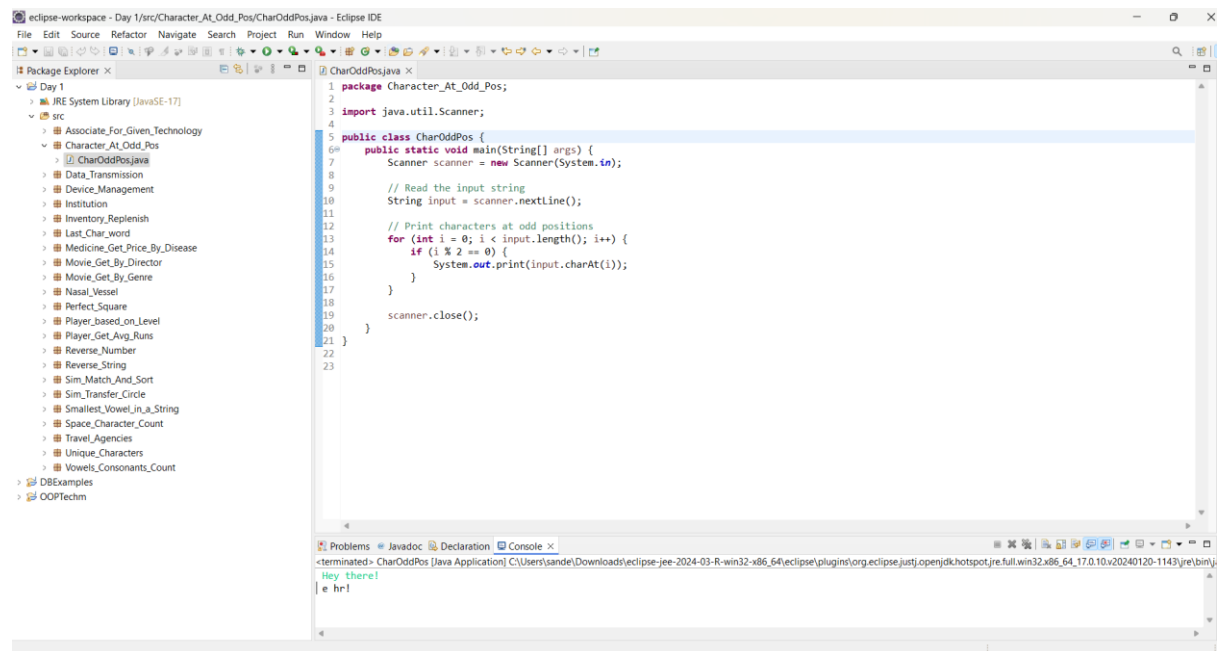


Associates For Given Technology

Char At Odd Position

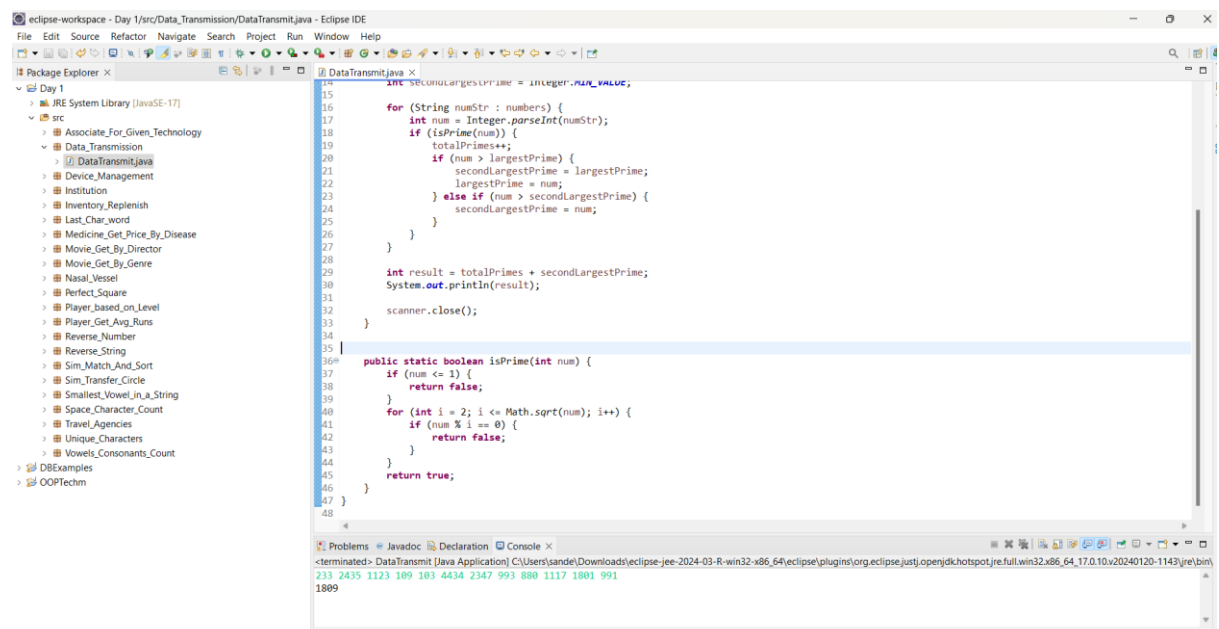


```
1 package Character_At_Odd_Pos;
2
3 import java.util.Scanner;
4
5 public class CharOddPos {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8
9         // Read the input string
10        String input = scanner.nextLine();
11
12        // Print characters at odd positions
13        for (int i = 0; i < input.length(); i++) {
14            if (i % 2 == 0) {
15                System.out.print(input.charAt(i));
16            }
17        }
18        scanner.close();
19    }
20 }
21
22
23
```

Problems Javadoc Declaration Console

<terminated> CharOddPos [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\j...
Hey there!
e hr!

Data Transmission

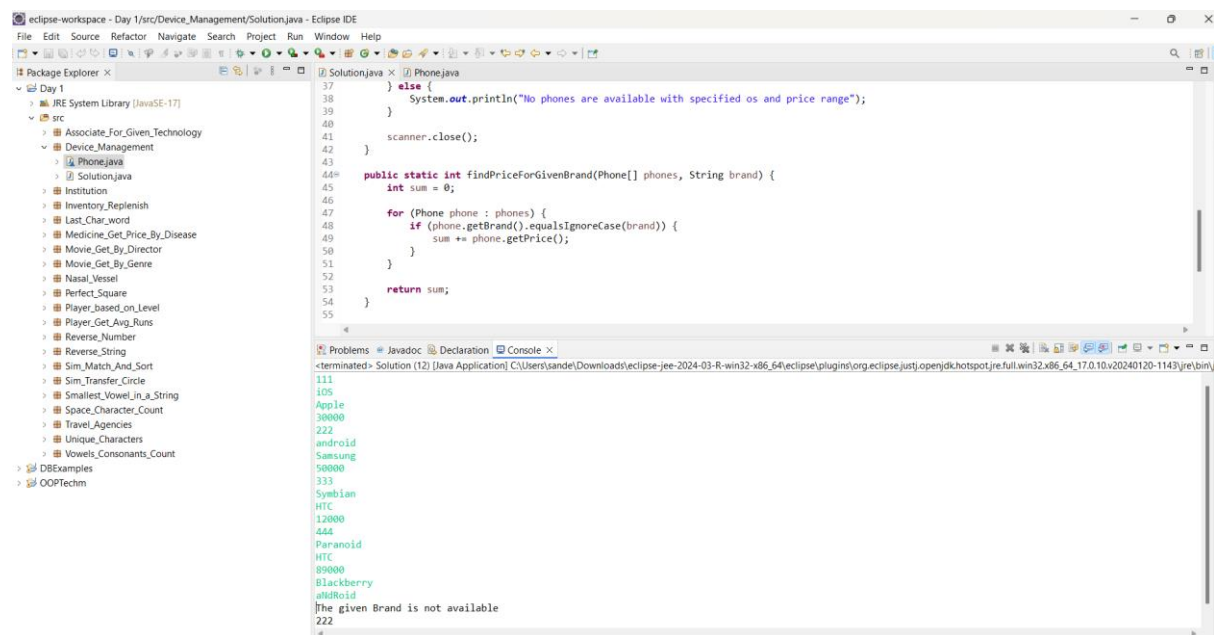


```
14 int secondLargestPrime = Integer.MIN_VALUE;
15
16 for (String numStr : numbers) {
17     int num = Integer.parseInt(numStr);
18     if (isPrime(num)) {
19         totalPrimes++;
20         if (num > largestPrime) {
21             secondLargestPrime = largestPrime;
22             largestPrime = num;
23         } else if (num > secondLargestPrime) {
24             secondLargestPrime = num;
25         }
26     }
27 }
28
29 int result = totalPrimes + secondLargestPrime;
30 System.out.println(result);
31 scanner.close();
32 }
33
34
35 public static boolean isPrime(int num) {
36     if (num <= 1) {
37         return false;
38     }
39     for (int i = 2; i <= Math.sqrt(num); i++) {
40         if (num % i == 0) {
41             return false;
42         }
43     }
44     return true;
45 }
46 }
47
48
```

Problems Javadoc Declaration Console

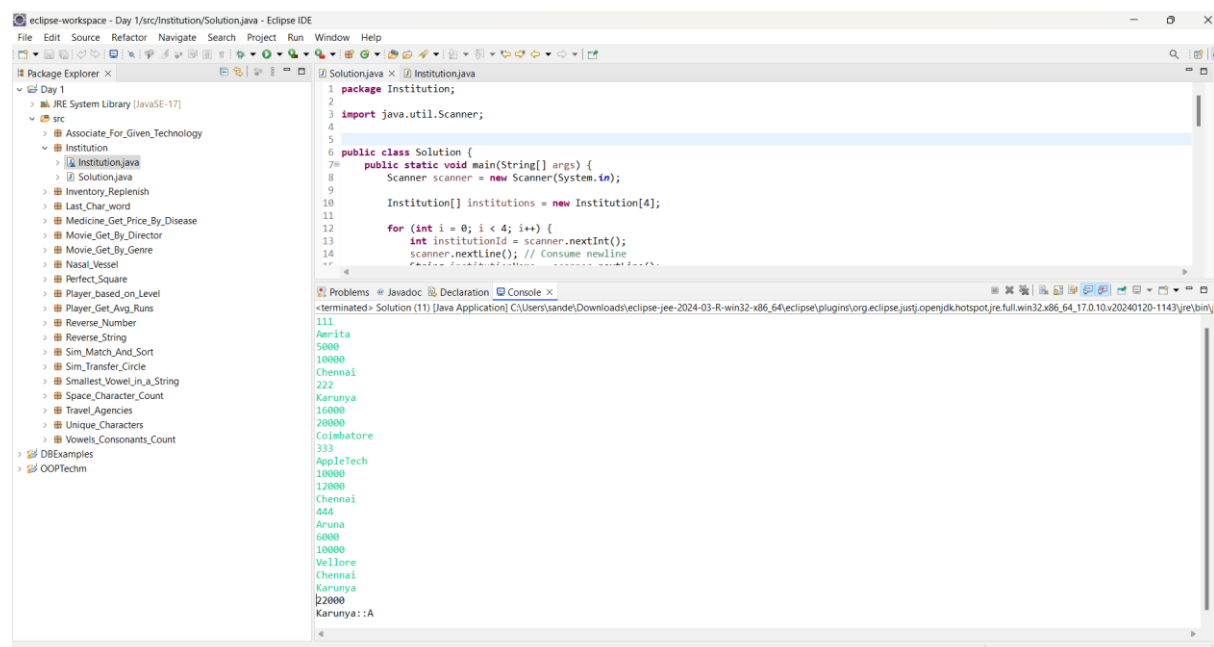
<terminated> DataTransmit [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\...
233 2435 1123 109 103 4434 2347 993 880 1117 1801 991
1809

Device Management



```
111
105
Apple
30000
222
android
Samsung
50000
333
Symbian
HTC
12000
444
Paranoid
HTC
99000
Blackberry
aMidRoId
The given Brand is not available
222
```

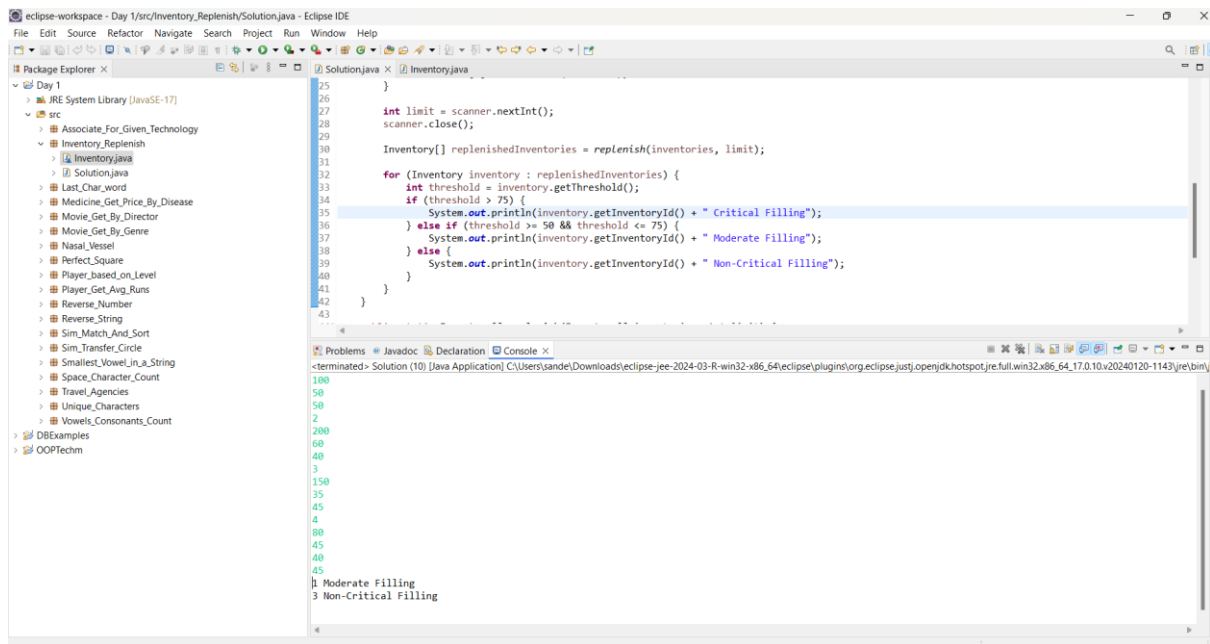
Institution



```
1 package Institution;
2
3 import java.util.Scanner;
4
5
6 public class Solution {
7     public static void main(String[] args) {
8         Scanner scanner = new Scanner(System.in);
9
10        Institution[] institutions = new Institution[4];
11
12        for (int i = 0; i < 4; i++) {
13            int institutionId = scanner.nextInt();
14            scanner.nextLine(); // Consume newline
15        }
16    }
17 }
```

```
111
Aarita
5000
10000
Chennai
222
Karunya
16000
20000
Coimbatore
333
AppleTech
10000
12000
Chennai
444
Aruna
6000
10000
Vellore
Chennai
Karunya
22000
Karunya: :A
```

Inventory Replenish

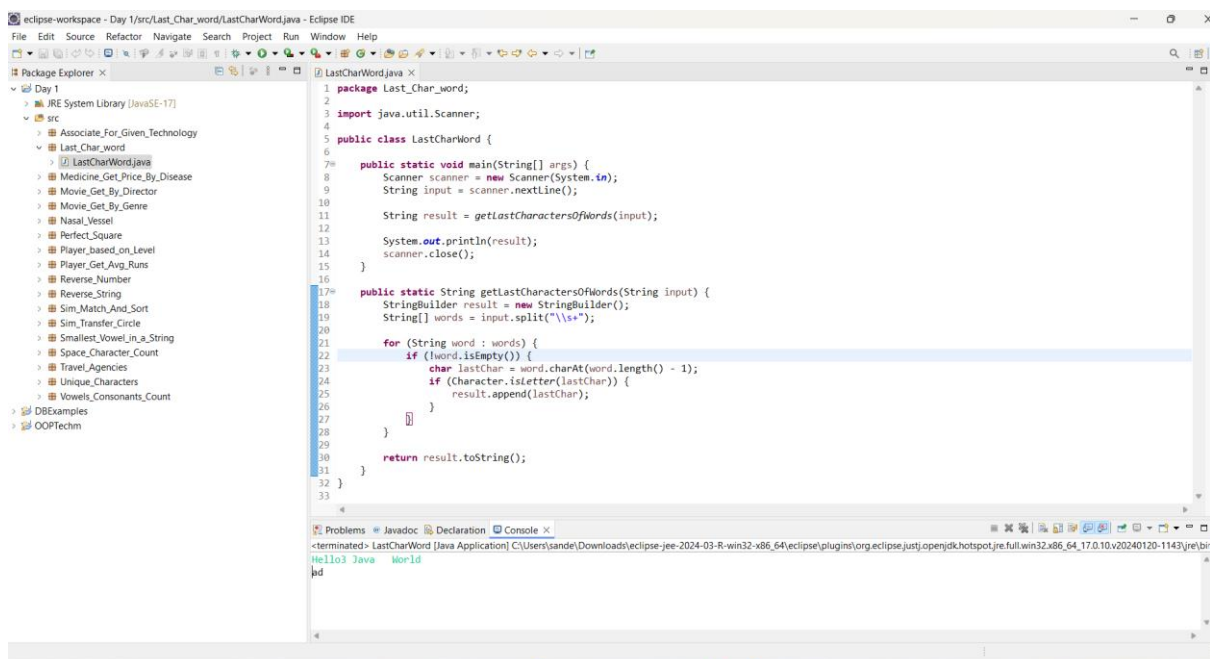


```
25 }
26
27 int limit = scanner.nextInt();
28 scanner.close();
29
30 Inventory[] replenishedInventories = replenish(inventories, limit);
31
32 for (Inventory inventory : replenishedInventories) {
33     int threshold = inventory.getThreshold();
34     if (threshold > 75) {
35         System.out.println(inventory.getId() + " Critical Filling");
36     } else if (threshold >= 50 && threshold <= 75) {
37         System.out.println(inventory.getId() + " Moderate Filling");
38     } else {
39         System.out.println(inventory.getId() + " Non-Critical Filling");
40     }
41 }
42 }
43 }
```

Console Output:

```
100
50
200
60
40
3
150
35
45
4
80
45
40
45
Moderate Filling
Non-Critical Filling
```

Last Character of every Word

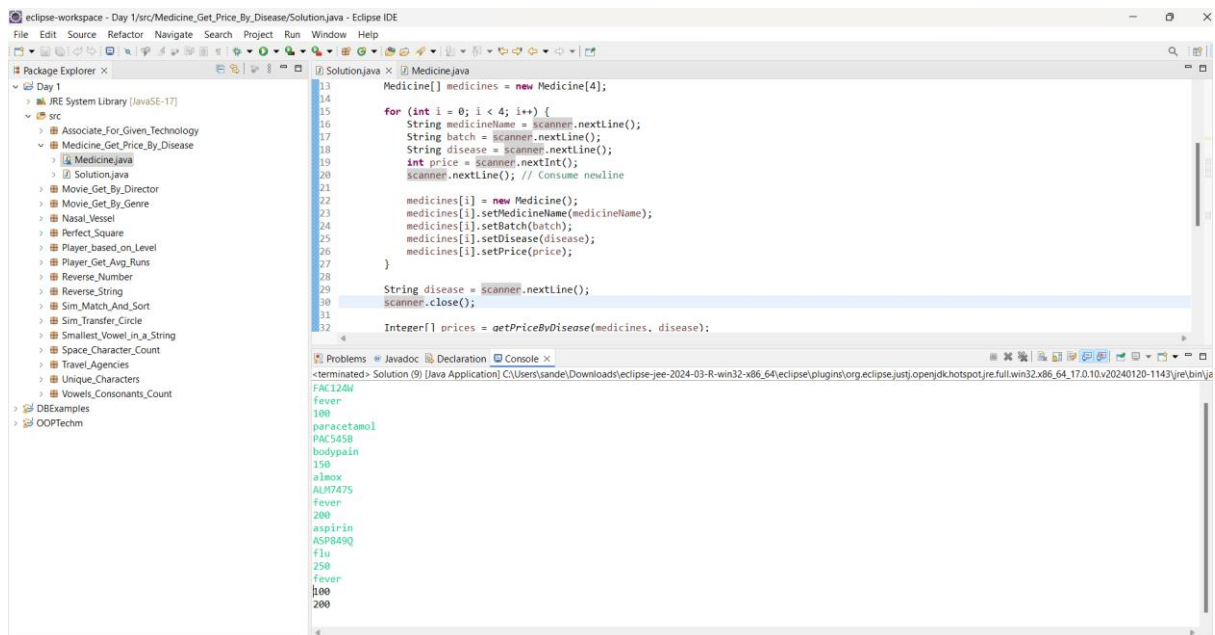


```
1 package Last_Char_word;
2
3 import java.util.Scanner;
4
5 public class LastCharWord {
6
7     public static void main(String[] args) {
8         Scanner scanner = new Scanner(System.in);
9         String input = scanner.nextLine();
10
11         String result = getLastCharactersOfWords(input);
12
13         System.out.println(result);
14         scanner.close();
15     }
16
17     public static String getLastCharactersOfWords(String input) {
18         StringBuilder result = new StringBuilder();
19         String[] words = input.split("\\s+");
20
21         for (String word : words) {
22             if (!word.isEmpty()) {
23                 char lastChar = word.charAt(word.length() - 1);
24                 if (Character.isLetter(lastChar)) {
25                     result.append(lastChar);
26                 }
27             }
28         }
29
30         return result.toString();
31     }
32 }
33 }
```

Console Output:

```
terminated> LastCharWord [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\
Hello Java World
jd
```

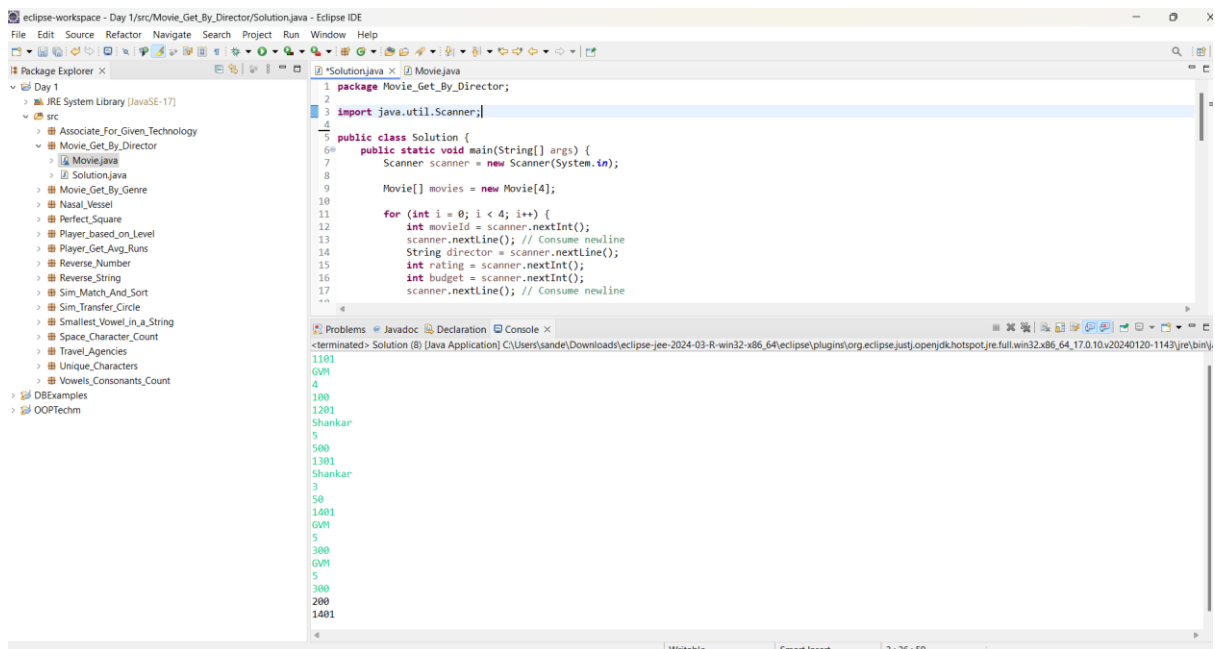
Medicines Get Price by Disease



```
13 Medicine[] medicines = new Medicine[4];
14
15 for (int i = 0; i < 4; i++) {
16     String medicineName = scanner.nextLine();
17     String batch = scanner.nextLine();
18     String disease = scanner.nextLine();
19     int price = scanner.nextInt();
20     scanner.nextLine(); // Consume newline
21
22     medicines[i] = new Medicine();
23     medicines[i].setMedicineName(medicineName);
24     medicines[i].setBatch(batch);
25     medicines[i].setDisease(disease);
26     medicines[i].setPrice(price);
27 }
28
29 String disease = scanner.nextLine();
30 scanner.close();
31
32 Integer[] prices = getPricesByDisease(medicines, disease);
```

```
FAC124d
fever
100
paracetamol
PAC545B
bodypain
150
almox
ALM747S
fever
200
aspirin
ASP849Q
flu
250
fever
100
200
```

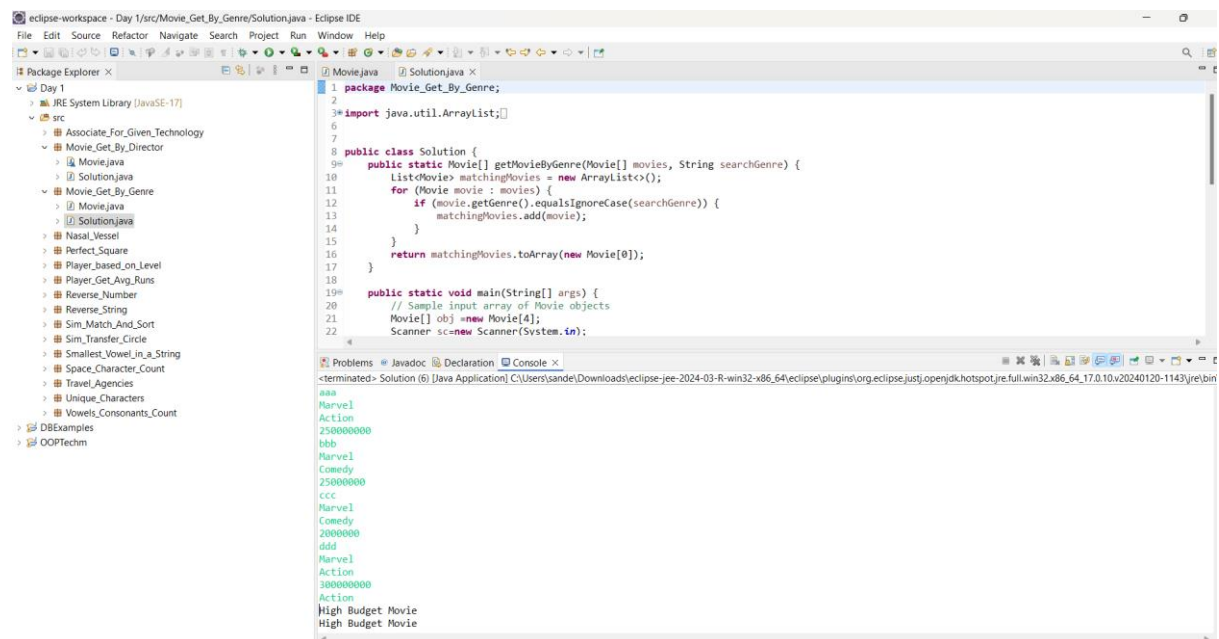
Movies Get By Director



```
1 package Movie_Get_By_Director;
2
3 import java.util.Scanner;
4
5 public class Solution {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8
9         Movie[] movies = new Movie[4];
10
11         for (int i = 0; i < 4; i++) {
12             int movieId = scanner.nextInt();
13             scanner.nextLine(); // Consume newline
14             String director = scanner.nextLine();
15             int rating = scanner.nextInt();
16             int budget = scanner.nextInt();
17             scanner.nextLine(); // Consume newline
18         }
19     }
20 }
```

```
1101
GVH
4
100
1201
Shankar
5
500
1301
Shankar
3
50
1401
GVH
5
300
GVH
5
300
200
1401
```

Movies Get By Genre

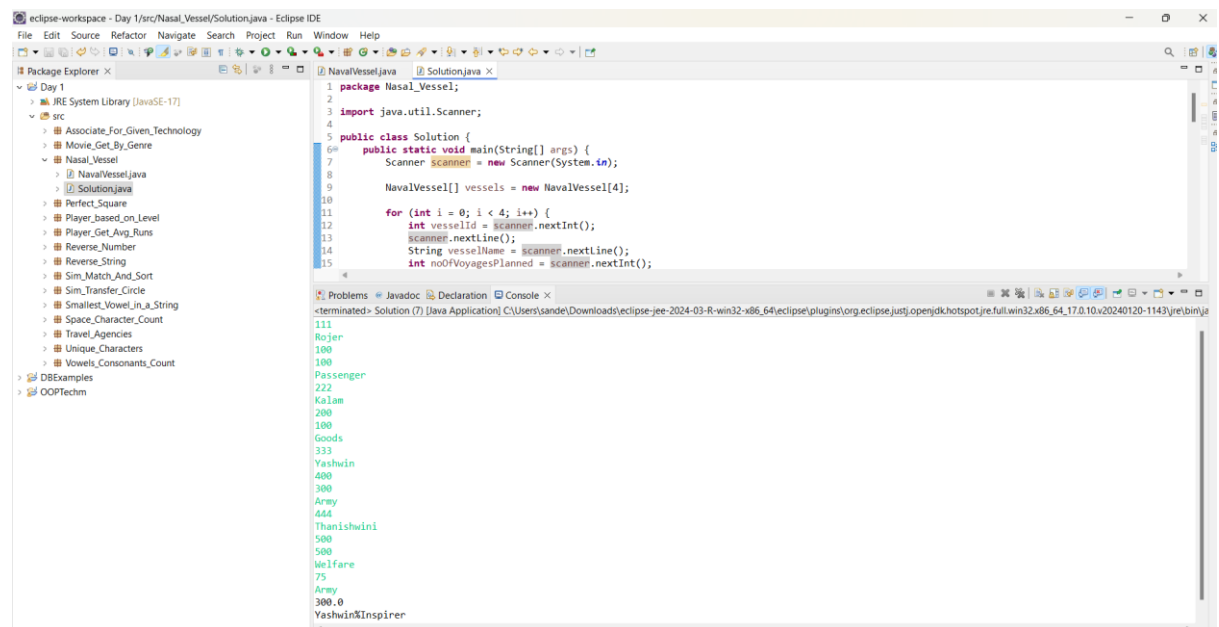


```
1 package Movie_Get_By_Genre;
2
3 import java.util.ArrayList;
4
5
6
7
8 public class Solution {
9     public static Movie[] getMovieByGenre(Movie[] movies, String searchGenre) {
10         List<Movie> matchingMovies = new ArrayList<>();
11         for (Movie movie : movies) {
12             if (movie.getGenre().equalsIgnoreCase(searchGenre)) {
13                 matchingMovies.add(movie);
14             }
15         }
16         return matchingMovies.toArray(new Movie[0]);
17     }
18
19     public static void main(String[] args) {
20         // Sample input array of Movie objects
21         Movie[] obj = new Movie[4];
22         Scanner sc = new Scanner(System.in);
23     }
24 }
```

Console Output:

```
aaa
Marvel
Action
250000000
bbb
Marvel
Comedy
250000000
ccc
Marvel
Comedy
200000000
ddd
Marvel
Action
300000000
Action
High Budget Movie
High Budget Movie
```

Naval Vessel

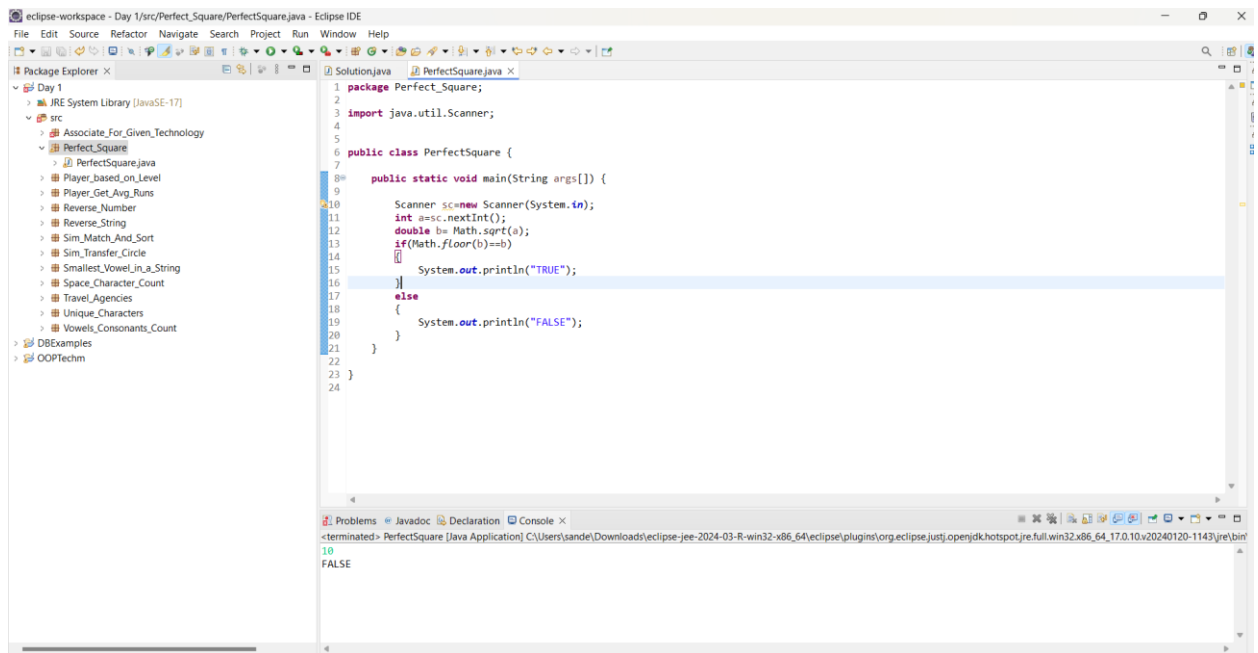


```
1 package Naval_Vessel;
2
3 import java.util.Scanner;
4
5
6
7
8 public class Solution {
9     public static void main(String[] args) {
10         Scanner scanner = new Scanner(System.in);
11
12         NavalVessel[] vessels = new NavalVessel[4];
13
14         for (int i = 0; i < 4; i++) {
15             int vesselId = scanner.nextInt();
16             scanner.nextLine();
17             String vesselName = scanner.nextLine();
18             int noOfVoyagesPlanned = scanner.nextInt();
19         }
20     }
21 }
```

Console Output:

```
111
Rojer
100
100
Passenger
222
Kalam
200
100
Goods
333
Yashwin
400
300
Army
444
Thanishwini
500
500
Welfare
75
Army
300.0
Yashwin&Inspire
```

Perfect Square



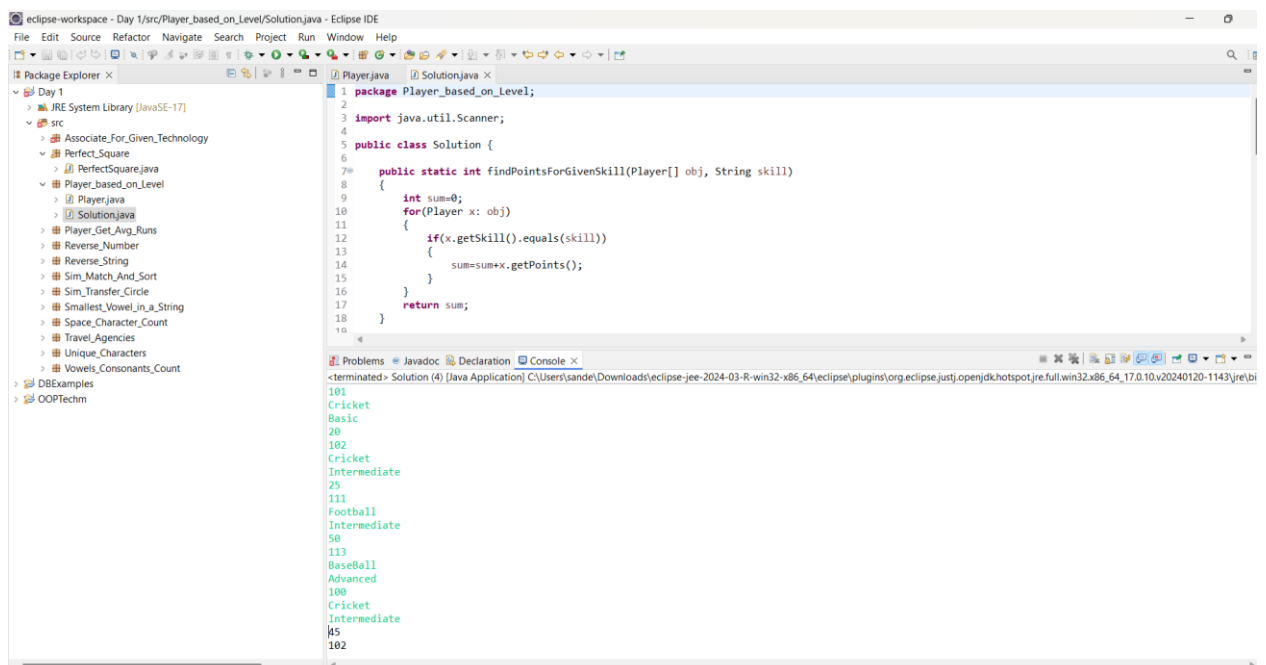
```
1 package Perfect_Square;
2
3 import java.util.Scanner;
4
5
6 public class PerfectSquare {
7
8     public static void main(String args[]) {
9
10         Scanner sc=new Scanner(System.in);
11         int a=sc.nextInt();
12         double b= Math.sqrt(a);
13         if(Math.floor(b)==b)
14         {
15             System.out.println("TRUE");
16         }
17         else
18         {
19             System.out.println("FALSE");
20         }
21     }
22 }
23
24
```

Problems Javadoc Declaration Console

<terminated> PerfectSquare [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\

FALSE

Player Based on Skill



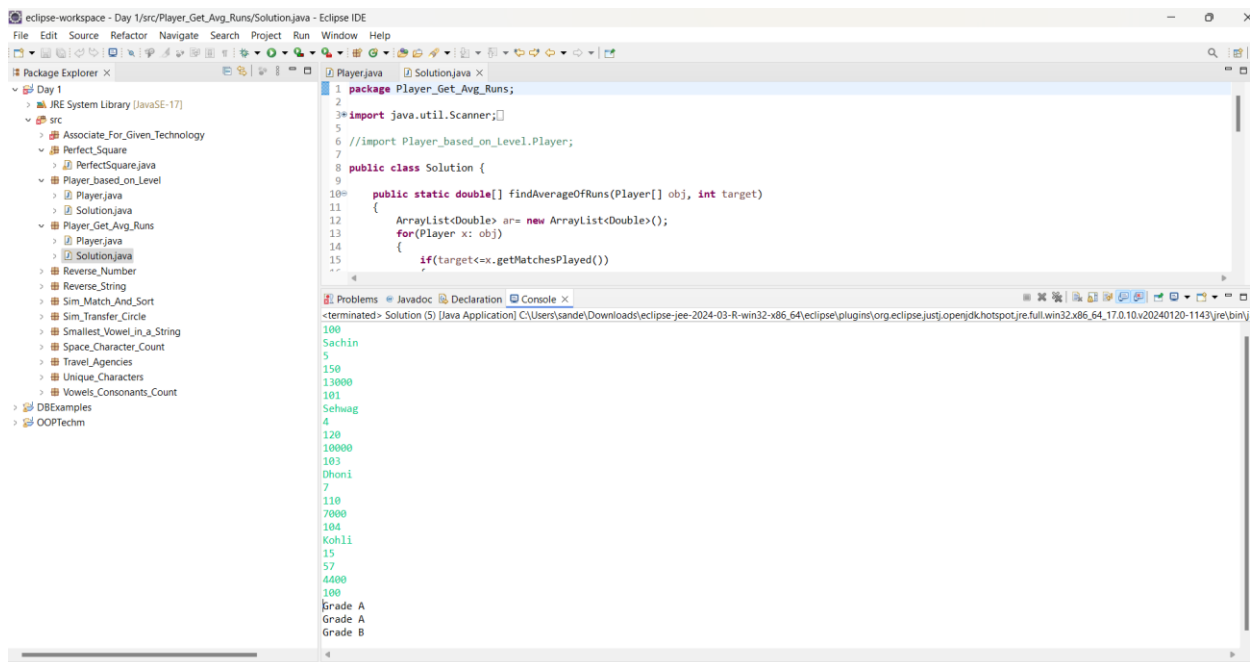
```
1 package Player_based_on_Level;
2
3 import java.util.Scanner;
4
5 public class Solution {
6
7     public static int findPointsForGivenSkill(Player[] obj, String skill)
8     {
9         int sum=0;
10         for(Player x: obj)
11         {
12             if(x.getSkill().equals(skill))
13             {
14                 sum=sum+x.getPoints();
15             }
16         }
17         return sum;
18     }
19 }
20
```

Problems Javadoc Declaration Console

<terminated> Solution (4) [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\

101 Cricket
Basic
20
102 Cricket
Intermediate
25
111 Football
Intermediate
50
113 Baseball
Advanced
100 Cricket
Intermediate
145
102

Player Avg Runs

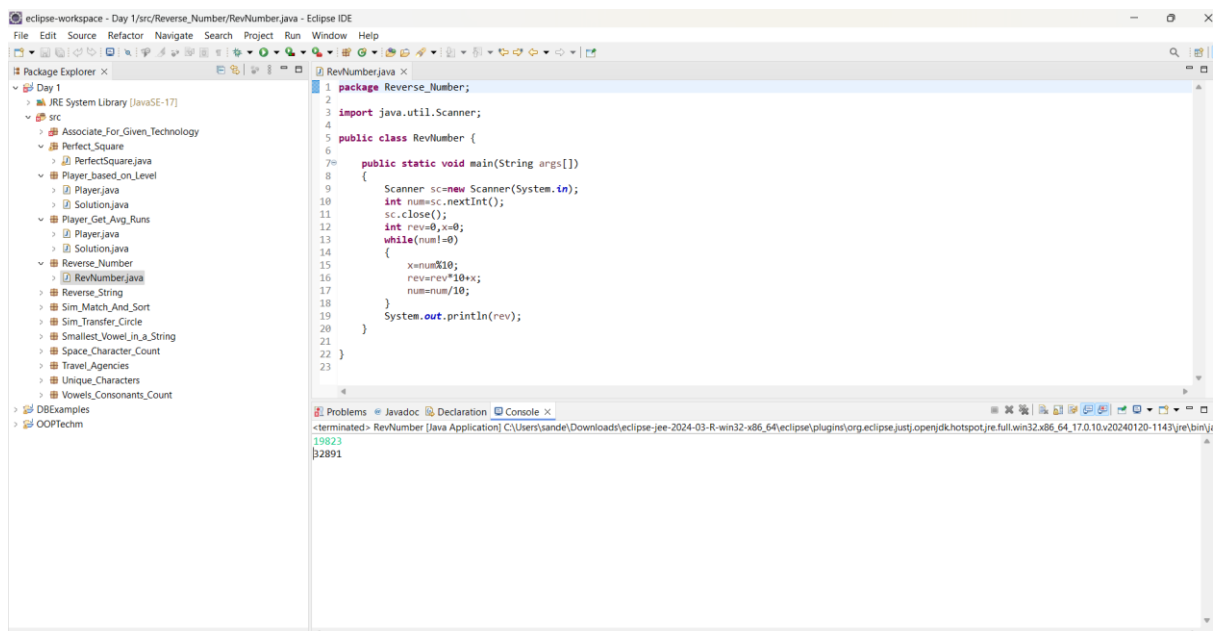


```
1 package Player_Get_Avg_Runs;
2
3 import java.util.Scanner;
4
5 //import Player_based_on_Level.Player;
6
7 public class Solution {
8
9     public static double[] findAverageOfRuns(Player[] obj, int target)
10     {
11         ArrayList<Double> ar= new ArrayList<Double>();
12         for(Player x: obj)
13         {
14             if(target<=x.getMatchesPlayed())
15             {
16                 ar.add(x.getRuns());
17             }
18         }
19         double sum=0;
20         for(Double d: ar)
21         {
22             sum+=d;
23         }
24         return sum/ar.size();
25     }
26 }
27
28 public static void main(String args[]) {
29     Scanner sc=new Scanner(System.in);
30     int n=sc.nextInt();
31     sc.close();
32     int rev=0,x=0;
33     while(num!=0)
34     {
35         x=num%10;
36         rev=rev*10+x;
37         num=num/10;
38     }
39     System.out.println(rev);
40 }
```

Console Output:

```
<terminated> Solution (5) [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\j
100
Sachin
5
150
13000
101
Sehwag
4
120
10000
103
Dhoni
7
110
7000
104
Kohli
15
57
4400
100
Grade A
Grade A
Grade B
```

Reverse of a Number

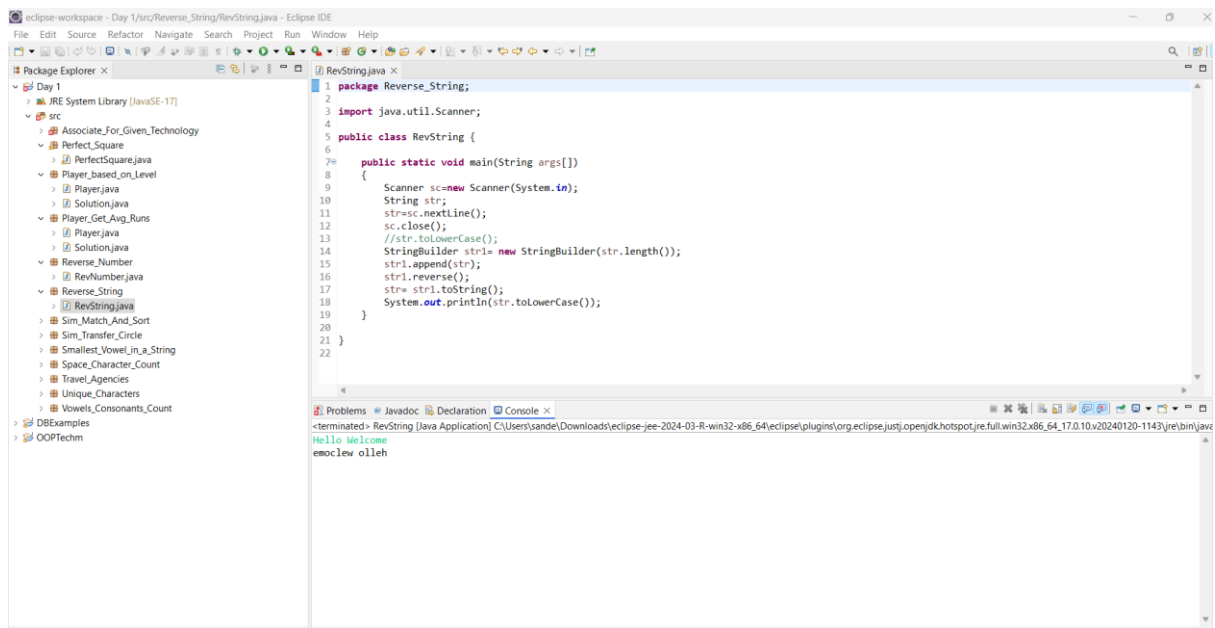


```
1 package Reverse_Number;
2
3 import java.util.Scanner;
4
5 public class RevNumber {
6
7     public static void main(String args[])
8     {
9         Scanner sc=new Scanner(System.in);
10         int num=sc.nextInt();
11         sc.close();
12         int rev=0,x=0;
13         while(num!=0)
14         {
15             x=num%10;
16             rev=rev*10+x;
17             num=num/10;
18         }
19         System.out.println(rev);
20     }
21 }
22
23 }
```

Console Output:

```
<terminated> RevNumber [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\j
19823
32891
```

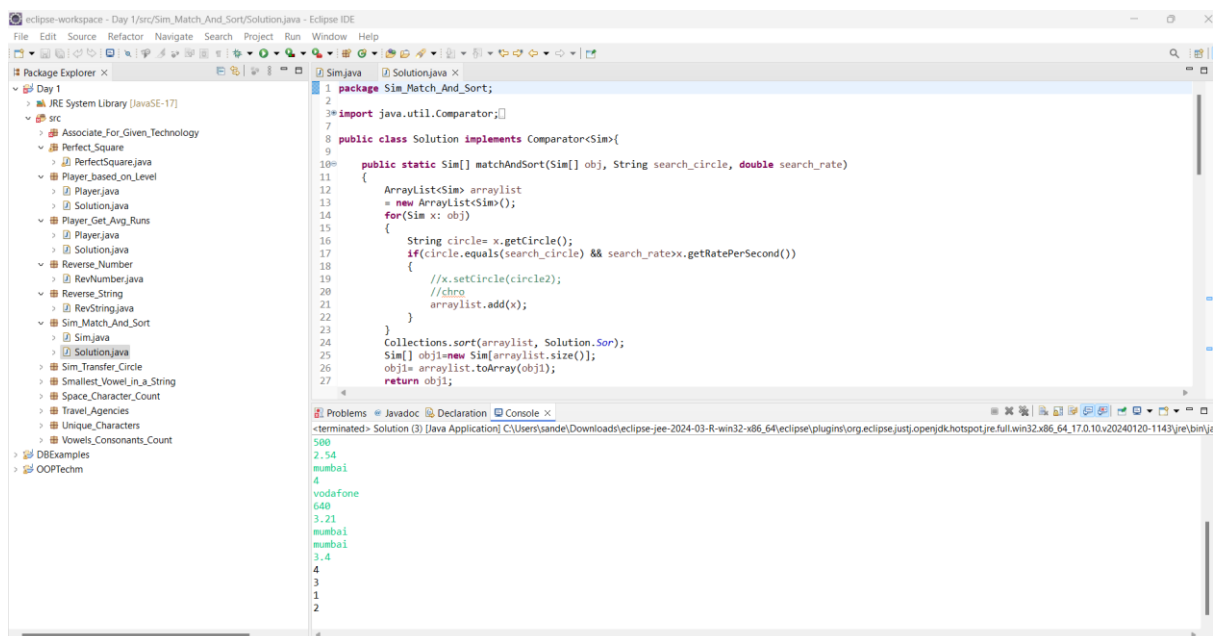

Reverse of a String



```
1 package Reverse_String;
2
3 import java.util.Scanner;
4
5 public class RevString {
6
7     public static void main(String args[])
8     {
9         Scanner sc=new Scanner(System.in);
10        String str;
11        str=sc.nextLine();
12        sc.close();
13        //str.toLowerCase();
14        StringBuilder str1= new StringBuilder(str.length());
15        str1.append(str);
16        str1.reverse();
17        str= str1.toString();
18        System.out.println(str.toLowerCase());
19    }
20 }
21
22
```

<terminated> RevString [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\jav
Hello Welcome
emoclew olleh

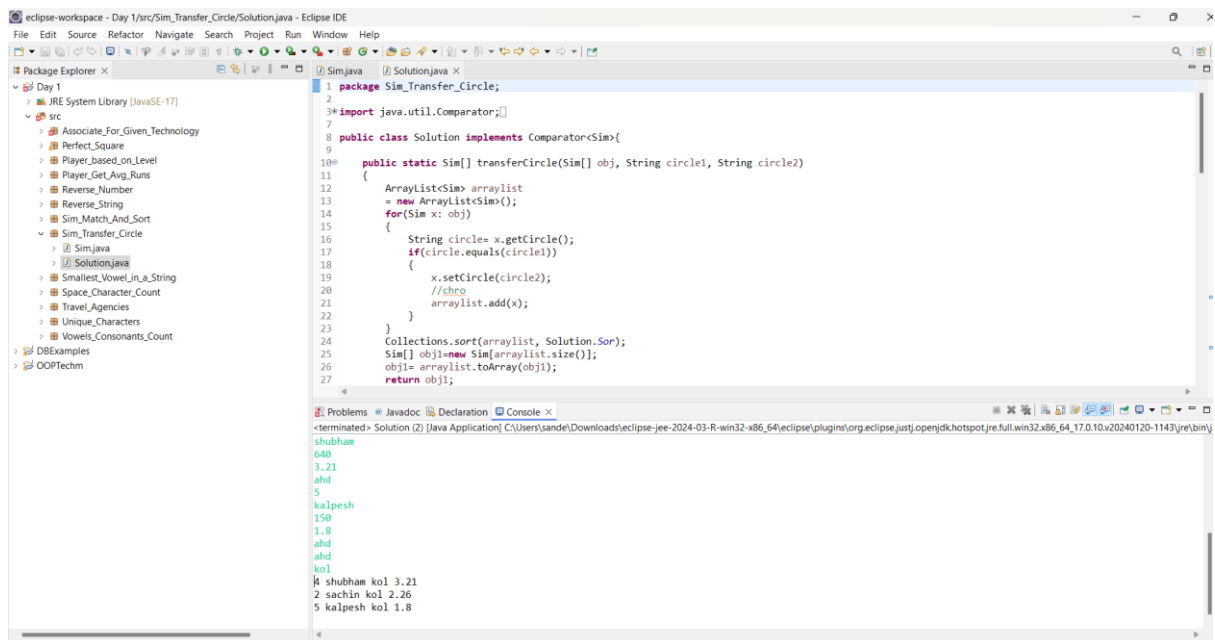
Sim Match and Sort



```
1 package Sim_Match_And_Sort;
2
3 import java.util.Comparator;
4
5 public class Solution implements Comparator<Sim>{
6
7     public static Sim[] matchAndSort(Sim[] obj, String search_circle, double search_rate)
8     {
9         ArrayList<Sim> arraylist
10        = new ArrayList<Sim>();
11        for(Sim x: obj)
12        {
13            String circle= x.getCircle();
14            if(circle.equals(search_circle) && search_rate>x.getRatePerSecond())
15            {
16                //x.setCircle(circle2);
17                //chro
18                arraylist.add(x);
19            }
20        }
21        Collections.sort(arraylist, Solution.Sor);
22        Sim[] obj1=new Sim[arraylist.size()];
23        obj1= arraylist.toArray(obj1);
24        return obj1;
25    }
26 }
27
```

<terminated> Solution (3) [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\jre\bin\jav
500
2.54
mumbai
4
vodafone
640
3.21
mumbai
mumbai
3.4
4
3
1
2

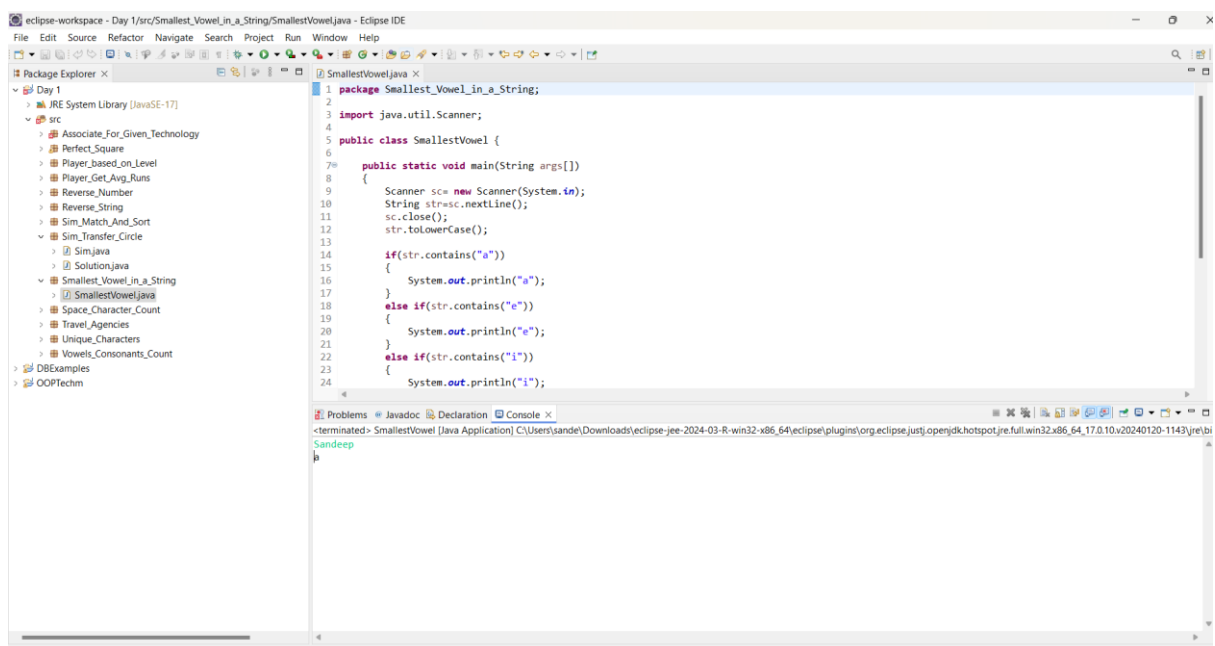
Sim Transfer Circle



```
1 package Sim_Transfer_Circle;
2
3 import java.util.Comparator;
4
5 public class Solution implements Comparator<Sim>{
6
7     public static Sim[] transferCircle(Sim[] obj, String circle1, String circle2)
8     {
9         ArrayList<Sim> arraylist
10         = new ArrayList<Sim>();
11         for(Sim x: obj)
12         {
13             String circle= x.getCircle();
14             if(circle.equals(circle1))
15             {
16                 x.setCircle(circle2);
17                 //chro
18                 arraylist.add(x);
19             }
20         }
21         Collections.sort(arraylist, Solution.Sor);
22         Sim[] obj1=new Sim[arraylist.size()];
23         obj1= arraylist.toArray(obj1);
24         return obj1;
25     }
26 }
27
```

shubham
640
3.21
ahd
5
kalpesh
150
1.8
ahd
ahd
kol
shubham kol 3.21
2 sachin kol 2.26
5 kalpesh kol 1.8

Smallest Vowel in string

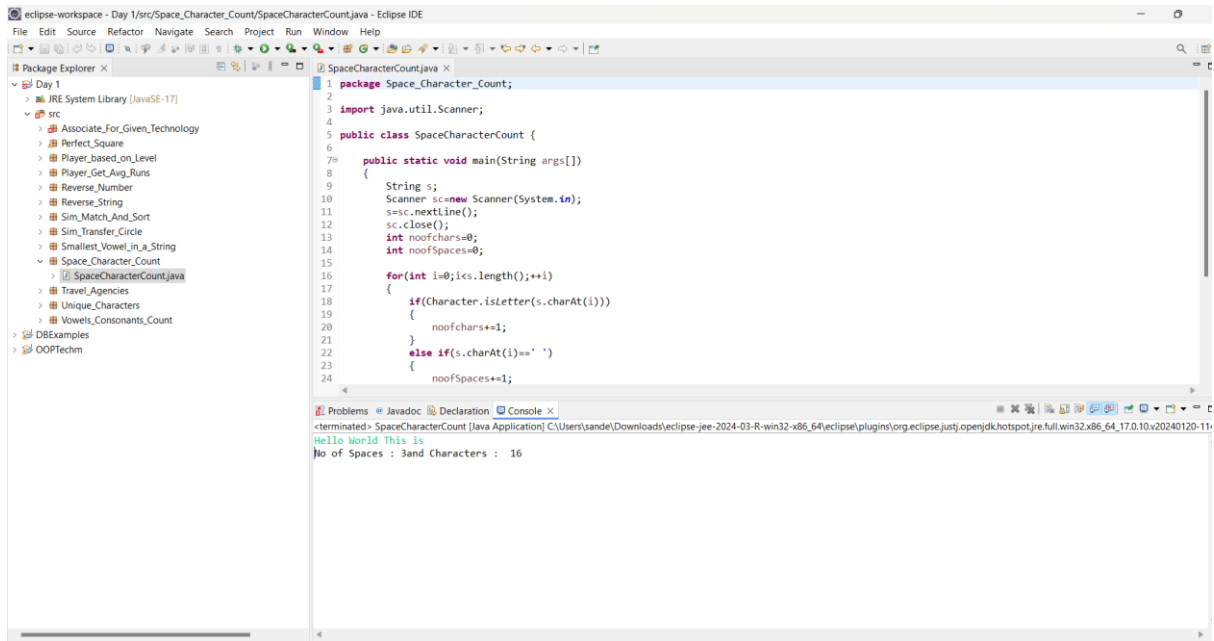


```
1 package Smallest_Vowel_in_a_String;
2
3 import java.util.Scanner;
4
5 public class SmallestVowel {
6
7     public static void main(String args[])
8     {
9         Scanner sc= new Scanner(System.in);
10         String str=sc.nextLine();
11         sc.close();
12         str.toLowerCase();
13
14         if(str.contains("a"))
15         {
16             System.out.println("a");
17         }
18         else if(str.contains("e"))
19         {
20             System.out.println("e");
21         }
22         else if(str.contains("i"))
23         {
24             System.out.println("i");
25         }
26     }
27 }

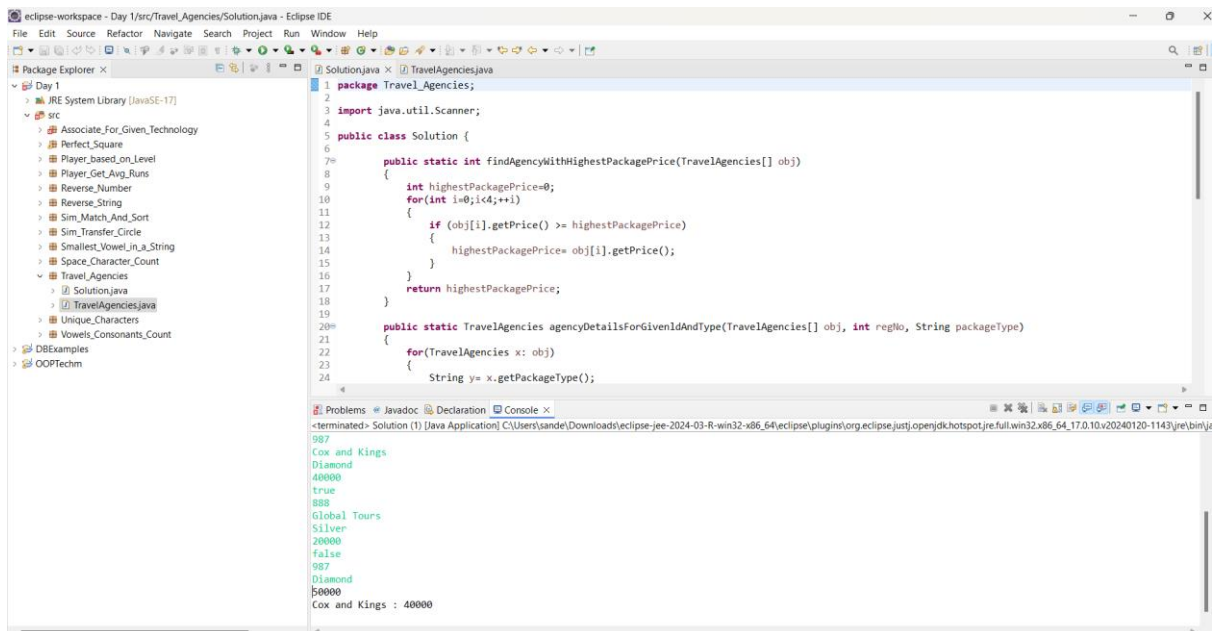
```

Sandeep

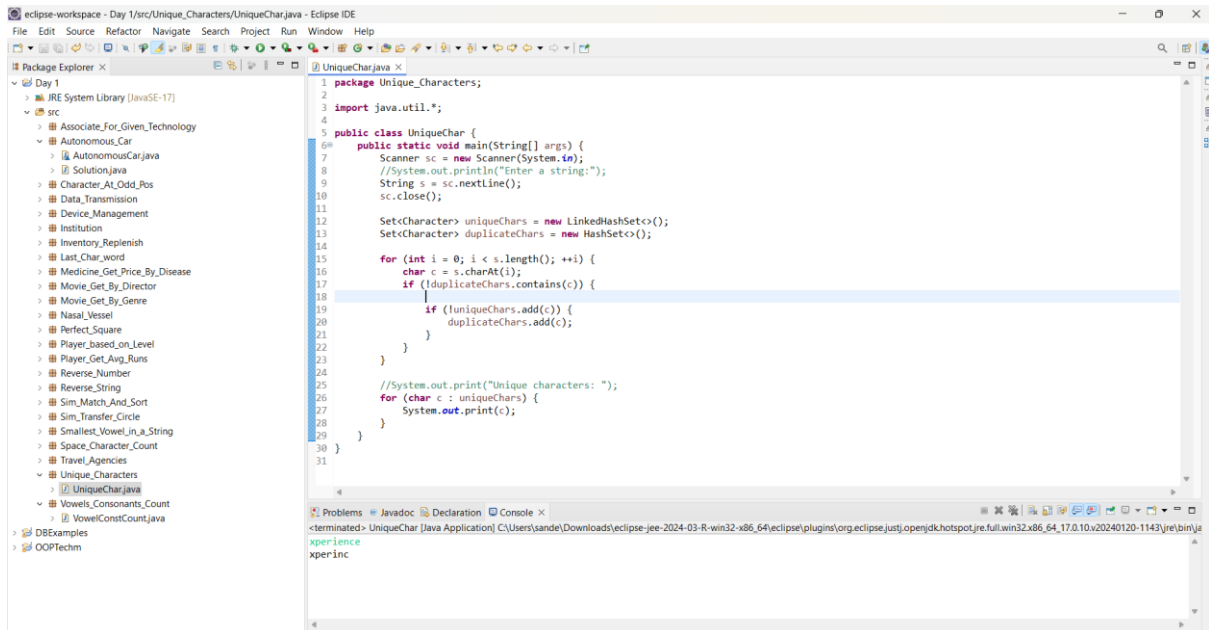
Space Character Count



Travel Agencies

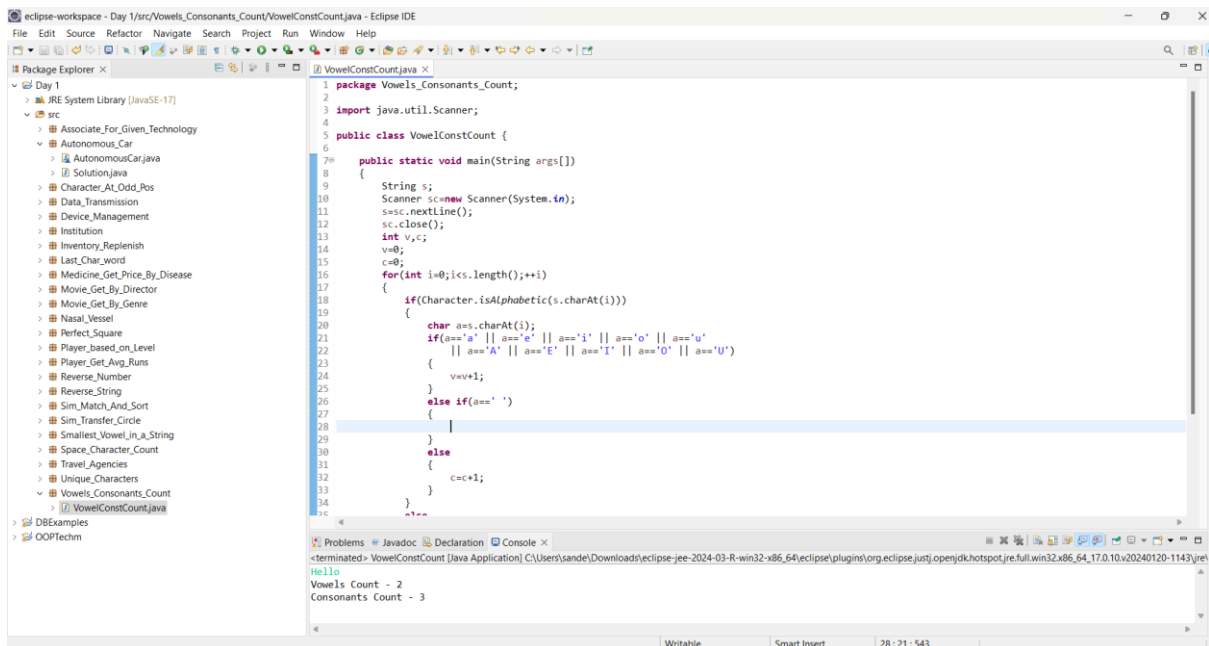


Unique Characters



```
1 package Unique_Characters;
2
3 import java.util.*;
4
5 public class UniqueChar {
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         //System.out.println("Enter a string:");
9         String s = sc.nextLine();
10        sc.close();
11
12        Set<Character> uniqueChars = new LinkedHashSet<>();
13        Set<Character> duplicateChars = new HashSet<>();
14
15        for (int i = 0; i < s.length(); ++i) {
16            char c = s.charAt(i);
17            if (!duplicateChars.contains(c)) {
18                if (uniqueChars.add(c)) {
19                    duplicateChars.add(c);
20                }
21            }
22        }
23
24        //System.out.println("Unique characters: ");
25        for (char c : uniqueChars) {
26            System.out.print(c);
27        }
28    }
29 }
30
31 }
```

Vowel Consonant Count



```
1 package Vowels_Consonants_Count;
2
3 import java.util.Scanner;
4
5 public class VowelConstCount {
6
7     public static void main(String args[])
8     {
9         String s;
10        Scanner sc=new Scanner(System.in);
11        s=sc.nextLine();
12        sc.close();
13        int v,c;
14        v=0;
15        c=0;
16        for(int i=0;i<s.length();++i)
17        {
18            if(Character.isAlphabetic(s.charAt(i)))
19            {
20                char a=s.charAt(i);
21                if(a=='a' || a=='e' || a=='i' || a=='o' || a=='u'
22                || a=='A' || a=='E' || a=='I' || a=='O' || a=='U')
23                {
24                    v++;
25                }
26                else if(a==' ')
27                {
28                }
29                else
30                {
31                    c++;
32                }
33            }
34        }
35    }
36 }
```