



Assignment Questions-7

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Roll No-55

Group-2

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Question Odd-ODD

Code

```
import java.util.*;

public class Assignment7
{
    public static void main(String[] args)
    {
        // Student who have marked by scanning QR Code

        student stu1= new student("Ankush
Kumar",12204749);    student stu2= new
student("Ram Tiwary",12202975);    student stu3=
new student("Deepanshu Chauhan",12206554);
student stu4= new student("S",12203088);
student stu5= new student("Gulshan
Kumar",12204669);    student stu6= new
student("Ramanuj Kumar Tiwary",12202975);
student stu7= new student("Mannu
Kumar",12204749);    student stu8= new
student("Arin Kumar",12207111);    student stu9=
new student("Sahil Kumar",12203088);    student
stu10= new student("Gulshan Kumar",12204669);

        // Create a object of TreeSet collection framework.
```

```

TreeSet<student> QRcode = new TreeSet<student>();

// Add the details of student in TreeSet framework.


QRcode.add(stu1);
QRcode.add(stu2);
QRcode.add(stu3);
QRcode.add(stu4);
QRcode.add(stu5);
QRcode.add(stu6);
QRcode.add(stu7);
QRcode.add(stu8);
QRcode.add(stu9);
QRcode.add(stu10);


System.out.println("The unique student details are :-- " );
for(Object i: QRcode)
{
    System.out.println(i);
}
}
}


class student implements Comparable<student>
{
    String sName;
    int sReg;

```

```
public student(String sName, int sReg )
```

```
{
```

```
    this.sName=sName;
```

```
    this.sReg=sReg;
```

```
}
```

```
public String toString()
```

```
{
```

```
    return "Student Name : "+sName+"\nStudent Registration : "+sReg;
```

```
}
```

```
// Teacher want to find unique record of student "Student Registration Number" wise.
```

```
public int compareTo(student s1)
```

```
{
```

```
    if(sReg==s1.sReg)
```

```
    {
```

```
        return 0;
```

```
    }
```

```
    if(sReg>s1.sReg)
```

```
    {
```

```
        return 1;
```

```
    }
```

```
    if(sReg<s1.sReg)
```

```
    {
```

```
        return -1;

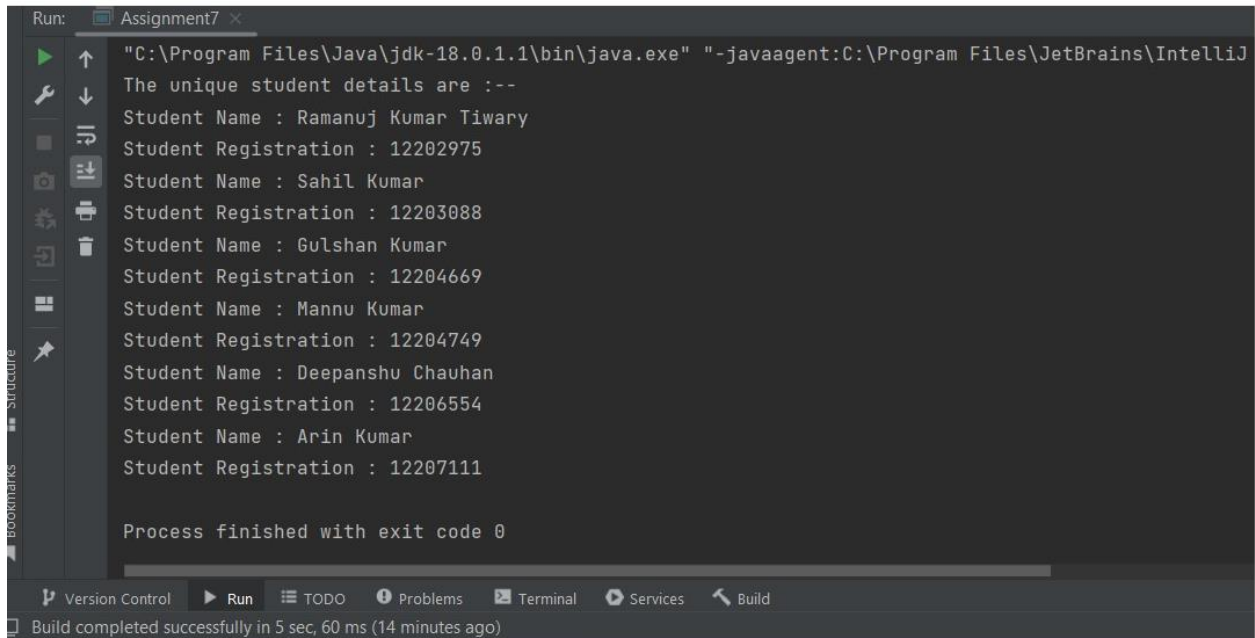
    }

    return 0;

}

}
```

Output



```
Run: Assignment7 x
"C:\Program Files\Java\jdk-18.0.1.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ
The unique student details are :--
Student Name : Ramanuj Kumar Tiwary
Student Registration : 12202975
Student Name : Sahil Kumar
Student Registration : 12203088
Student Name : Gulshan Kumar
Student Registration : 12204669
Student Name : Mannu Kumar
Student Registration : 12204749
Student Name : Deepanshu Chauhan
Student Registration : 12206554
Student Name : Arin Kumar
Student Registration : 12207111

Process finished with exit code 0

Build completed successfully in 5 sec, 60 ms (14 minutes ago)
```