1.   Write a program to find sum
of all integers greater than 100 and less than 200 that are divisible by 7.
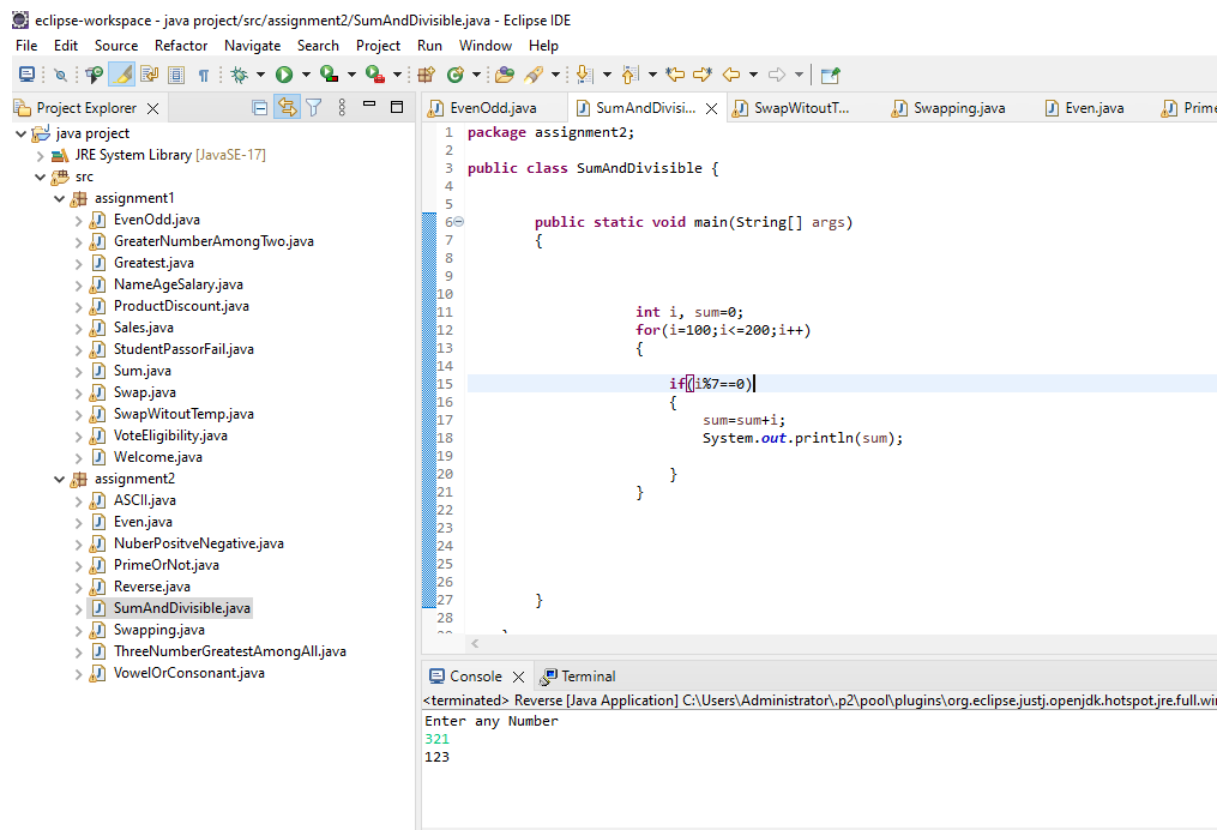
```java
package assignment2;

public class SumAndDivisible {

        public static void main(String[] args)
        {


                        int i, sum=0;
                        for(i=100;i<=200;i++)
                        {

                                if(i%7==0)
                                {
                                        sum=sum+i;
                                        System.out.println(sum);

                                }
                        }



        }
}
```

 2 Write a program in java that ask three numbers from user and print the greatest among three

```java
package assignment2;

public class ThreeNumberGreatestAmongAll {

	public static void main(String[] args) {
		// TODO Auto-generated method stub
		int a=55;
		int b=67;
		int c=76;

		if(a>b && a>c)
		{
			System.out.println("a is Greater");
		}

			else if (b>a && b>c)
			{

				System.out.println("b is Greater");
			}

			else
			{
				System.out.println("c is Greater");
			}
	}
```
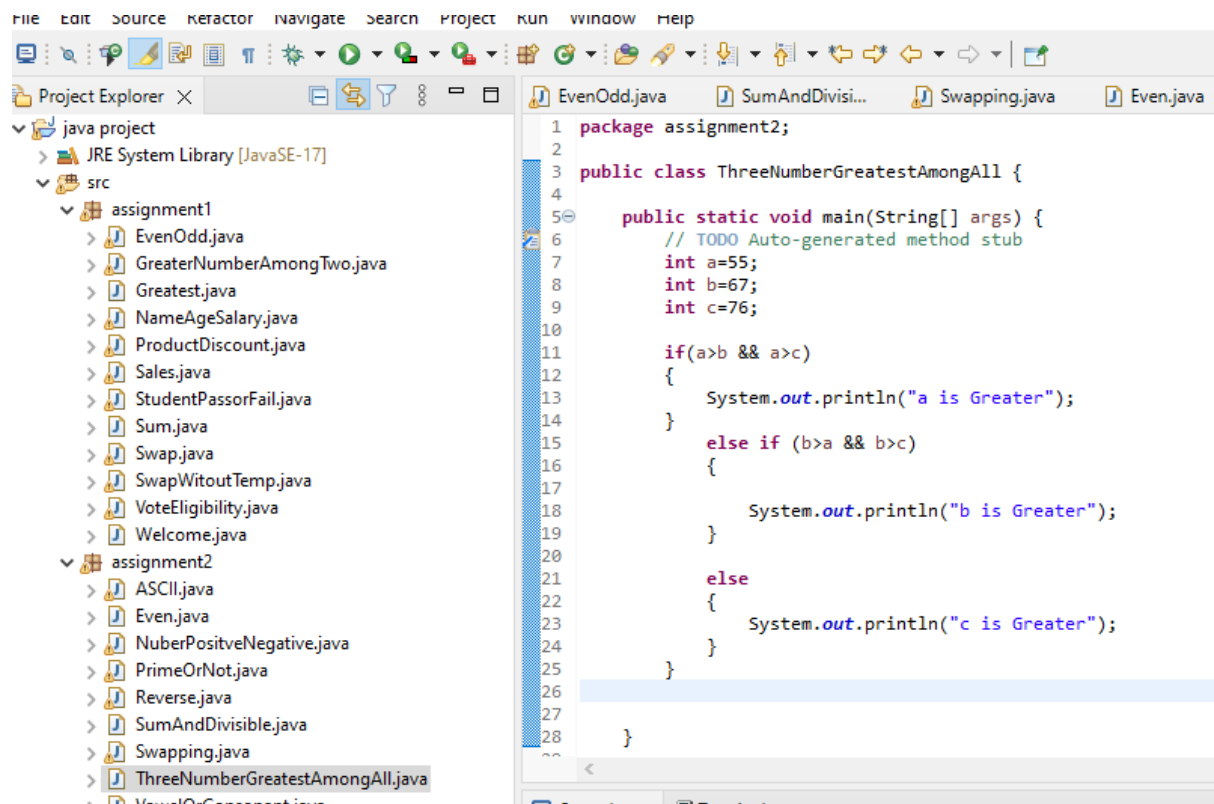
```
                    }
```

Project Explorer ×

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      - VowelOrConsonant.java

Tabs: EvenOdd.java | SumAndDivisi... | Swapping.java | Even.java

```java
1   package assignment2;
2
3   public class ThreeNumberGreatestAmongAll {
4
5       public static void main(String[] args) {
6           // TODO Auto-generated method stub
7           int a=55;
8           int b=67;
9           int c=76;
10
11          if(a>b && a>c)
12          {
13              System.out.println("a is Greater");
14          }
15              else if (b>a && b>c)
16              {
17
18                  System.out.println("b is Greater");
19              }
20
21              else
22              {
23                  System.out.println("c is Greater");
24              }
25          }
26
27
28      }
```

3. WAP to find ASCII value of a character .

```java
package assignment2;

import java.util.Scanner;
public class ASCII {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        char ch;
        System.out.println("Enter any Character");
        Scanner r = new Scanner(System.in);
        ch=r.next().charAt(0);
        int a = ch;
        System.out.print("ASCII value of  "+ch +" is "+ a);

    }

}
```
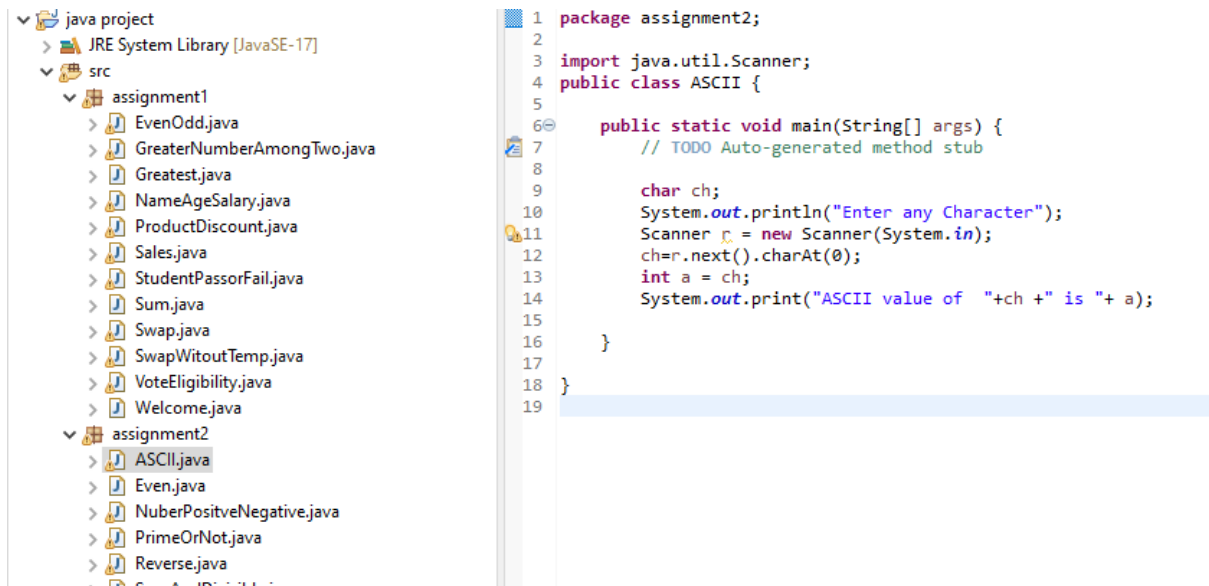
```
1  package assignment2;
2
3  import java.util.Scanner;
4  public class ASCII {
5
6⊖     public static void main(String[] args) {
7          // TODO Auto-generated method stub
8
9          char ch;
10         System.out.println("Enter any Character");
11         Scanner r = new Scanner(System.in);
12         ch=r.next().charAt(0);
13         int a = ch;
14         System.out.print("ASCII value of  "+ch +" is "+ a);
15
16     }
17
18  }
19
```

4. Java Program to Check Whether an Alphabet is Vowel or Consonant

```java
package assignment2;

import java.util.Scanner;
public class VowelOrConsonant {

    public static void main(String[] args)
    {

        char ch;
        System.out.println("Enter any Character ");

        Scanner r=new Scanner(System.in);

        ch=r.next().charAt(0);

        if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u')

        {

            System.out.println("Vowel");

        }

        else
        {

            System.out.println("Consonant");

        }


    }
```
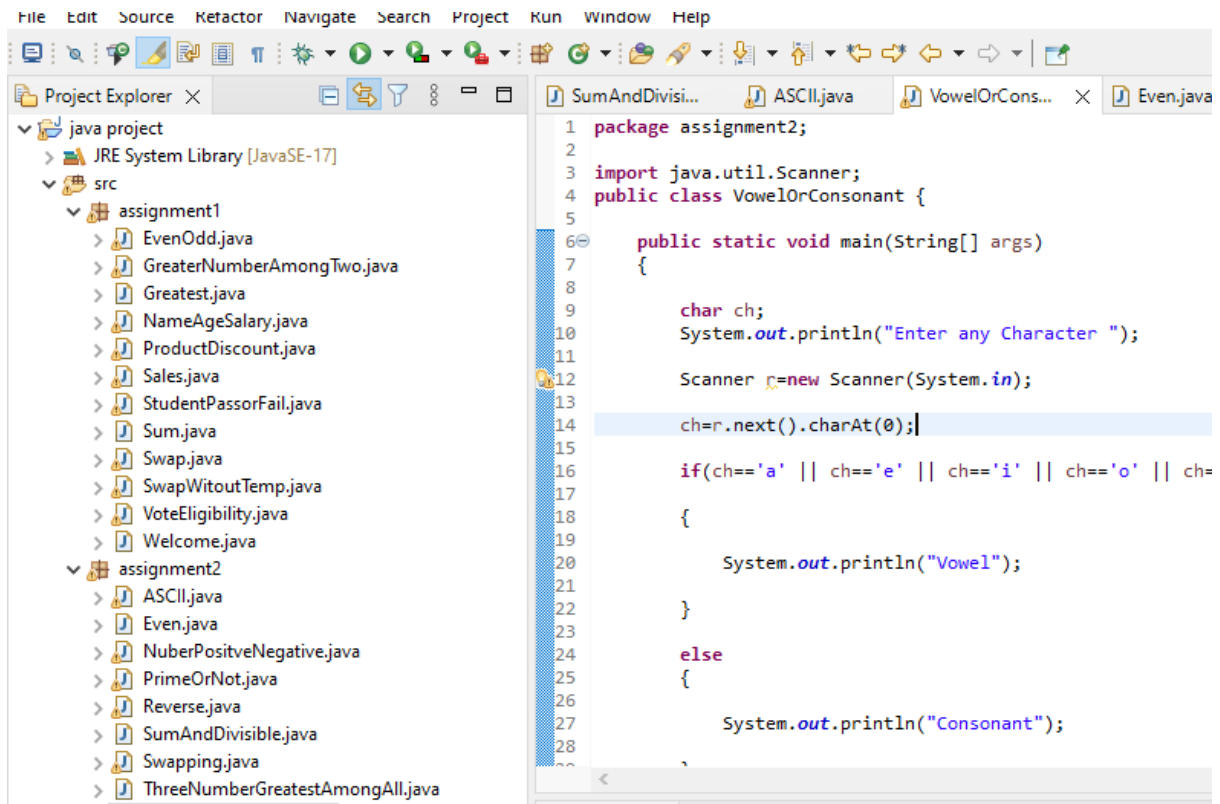
```
}
```

```
Project Explorer  ✕                                    SumAndDivisi...    ASCII.java    VowelOrCons...  ✕    Even.java
  v java project                                    1   package assignment2;
    > JRE System Library [JavaSE-17]                2
    v src                                           3   import java.util.Scanner;
      v assignment1                                 4   public class VowelOrConsonant {
        > EvenOdd.java                              5
        > GreaterNumberAmongTwo.java                6⊖     public static void main(String[] args)
        > Greatest.java                             7       {
        > NameAgeSalary.java                        8
        > ProductDiscount.java                      9           char ch;
        > Sales.java                               10           System.out.println("Enter any Character ");
        > StudentPassorFail.java                   11
        > Sum.java                                 12           Scanner r=new Scanner(System.in);
        > Swap.java                                13
        > SwapWitoutTemp.java                      14           ch=r.next().charAt(0);|
        > VoteEligibility.java                     15
        > Welcome.java                             16           if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=
      v assignment2                                17
        > ASCII.java                               18           {
        > Even.java                                19
        > NuberPositveNegative.java                20               System.out.println("Vowel");
        > PrimeOrNot.java                          21
        > Reverse.java                             22           }
        > SumAndDivisible.java                      23
        > Swapping.java                            24           else
        > ThreeNumberGreatestAmongAll.java         25           {
                                                   26
                                                   27               System.out.println("Consonant");
                                                   28
```

5 Check if a Number is Positive or Negative using if else

```java
package assignment2;
import java.util.Scanner;

public class NuberPositveNegative {

    public static void main(String[] args) {

        int n;
        System.out.println("Enter any Number");
        Scanner r= new Scanner(System.in);

        n=r.nextInt();

        if(n>0)

        {

            System.out.println("Positive Number");

        }
        else if(n<0)
        {
```
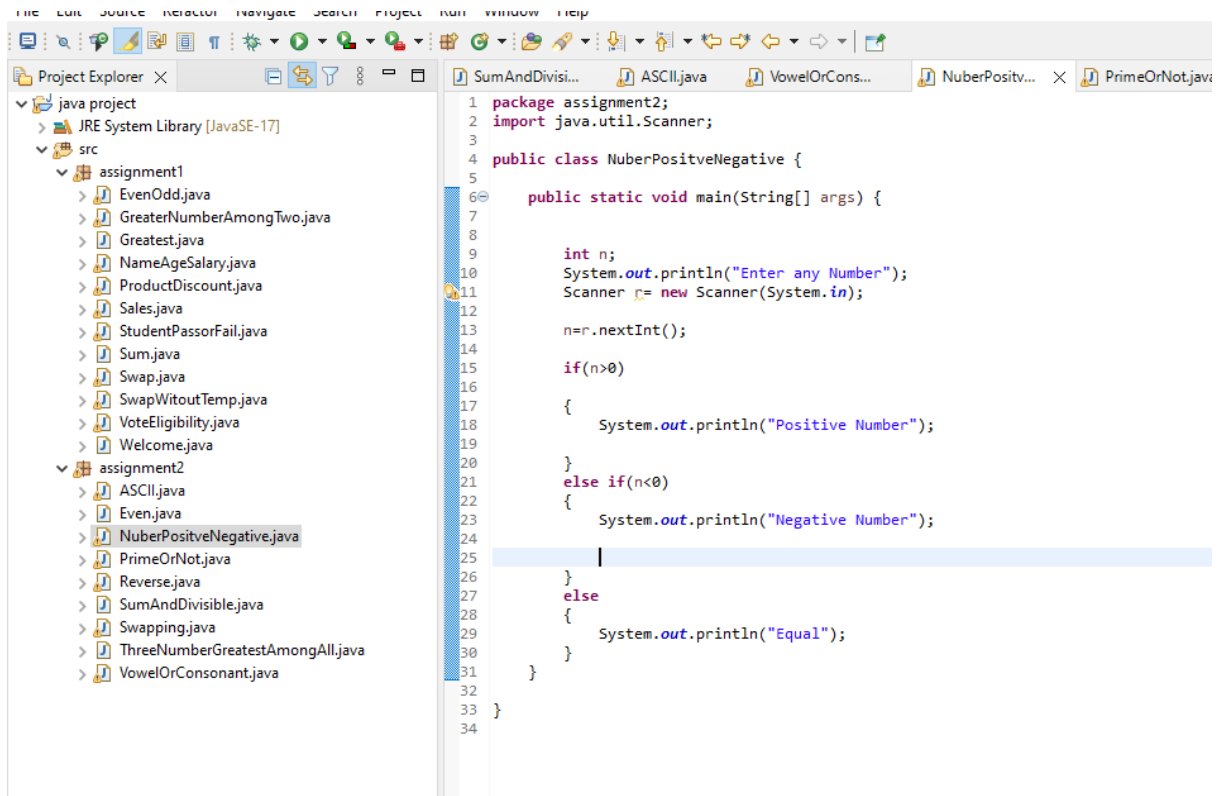
```
                System.out.println("Negative Number");


        }
        else
        {
                System.out.println("Equal");
        }
    }

}
```


6 WAP for swapping two numbers without using third variable

```java
package assignment2;
import java.util.Scanner;
public class Swapping {

    public static void main(String[] args) {
            // TODO Auto-generated method stub



            int a,b;

            System.out.println("Enter any Two Number");

            Scanner ref=new Scanner(System.in);
            a=ref.nextInt();
```

```
            b=ref.nextInt();
            System.out.println("Before Swapping "+a+" "+b);
            a= a+b;
            b=a-b;
            a=a-b;
            System.out.println("After Swapping "+a+" "+b);


        }

}
```
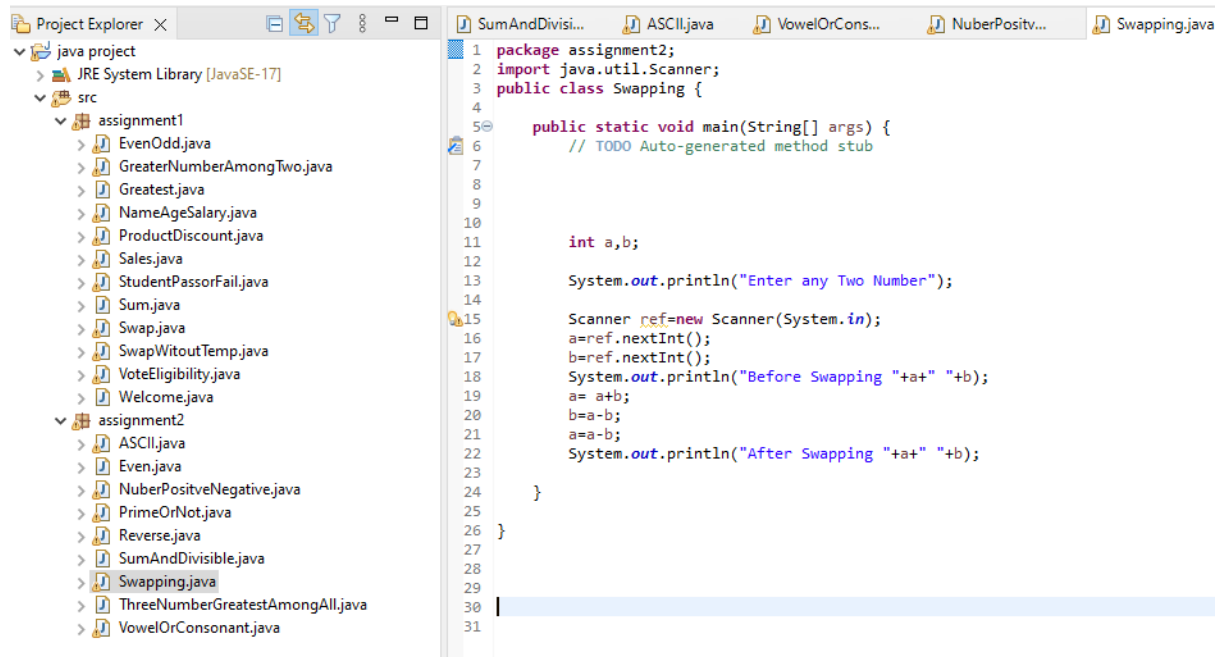

Q 8 Q wap to print even numbers between 10 to 20Q

```java
package assignment2;

public class Even {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        for(int i=2;i<=20;i++) {

    if (i%2==0)
    {
        System.out.println("i "+i);
    }


        }
    }
```

}

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Project Explorer ✕

v 📂 java project
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      > 🗓 VowelOrConsonant.java

Tabs: SumAndDivisi... ASCII.java VowelOrCons... NuberPositv...

```java
1  package assignment2;
2
3  public class Even {
4
5⊖     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7
8         for(int i=2;i<=20;i++) {
9
10    if (i%2==0)
11    {
12        System.out.println("i "+i);
13    }
14
15        }
16    }
17
18 }
19
```

9 wap to check if a number is prime or not

```java
package assignment2;
import java.util.Scanner;

public class PrimeOrNot {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int n, count=0;
        System.out.println("Enter any Number");
        Scanner r=new Scanner(System.in);
        n=r.nextInt();
        for(int i=1; i<=n; i++)

        {
            if(n%i==0)

            {
                count++;
            }
```

```java
                }
            }
            if(count==2)
            {
                    System.out.println("Prime Number");
            }
            else
            {
                    System.out.println("Not Prime Number");
            }
    }

}
```
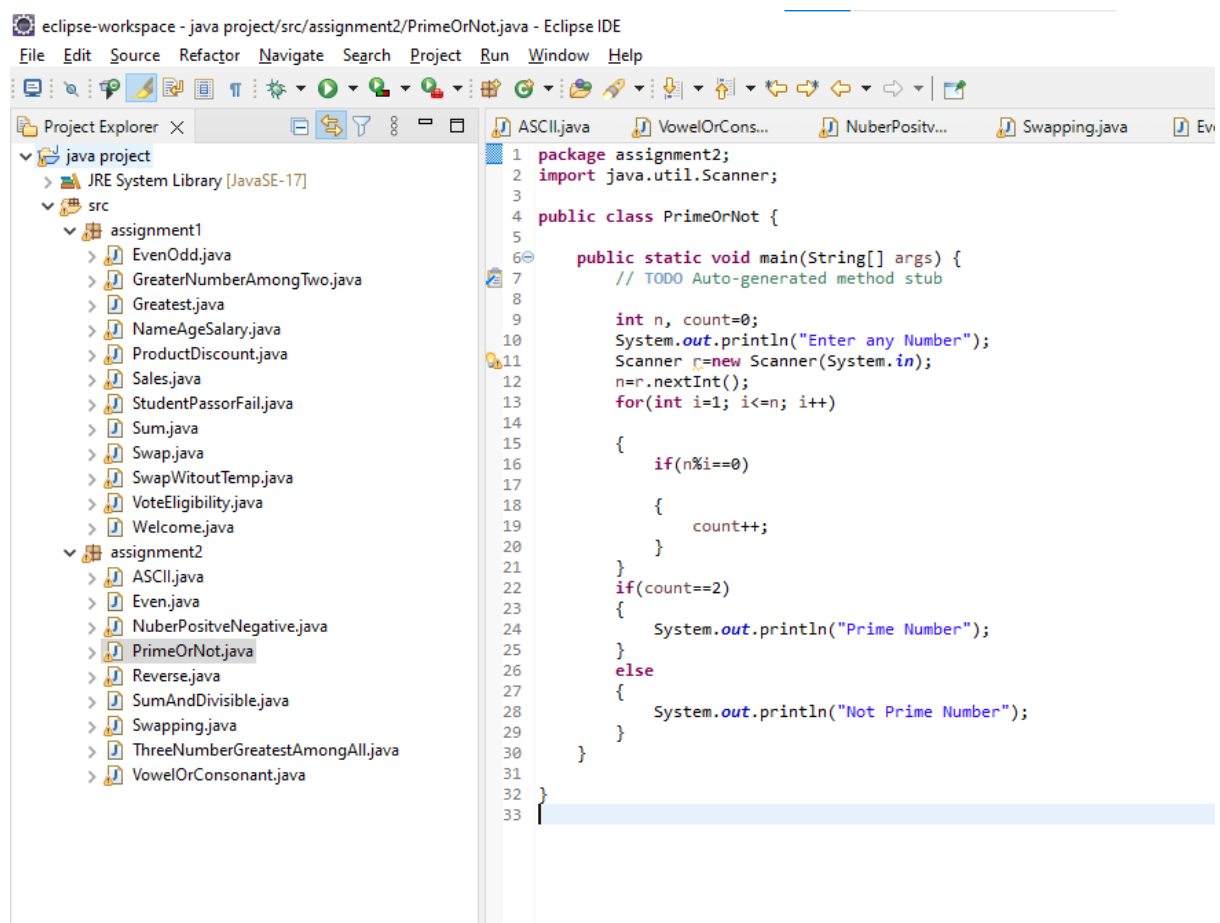
File Edit Source Refactor Navigate Search Project Run Window Help

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      - ThreeNumberGreatestAmongAll.java
      - VowelOrConsonant.java

Tabs: ASCII.java | VowelOrCons... | NuberPositv... | Swapping.java | Ev...

```java
1  package assignment2;
2  import java.util.Scanner;
3
4  public class PrimeOrNot {
5
6      public static void main(String[] args) {
7          // TODO Auto-generated method stub
8
9          int n, count=0;
10         System.out.println("Enter any Number");
11         Scanner r=new Scanner(System.in);
12         n=r.nextInt();
13         for(int i=1; i<=n; i++)
14
15         {
16             if(n%i==0)
17
18             {
19                 count++;
20             }
21         }
22         if(count==2)
23         {
24             System.out.println("Prime Number");
25         }
26         else
27         {
28             System.out.println("Not Prime Number");
29         }
30     }
31
32 }
33
```

Q 10 wap to reverse a given digit   123   321

```java
package assignment2;
import java.util.Scanner;

public class Reverse {

    public static void main(String[] args) {

        // TODO Auto-generated method stub
```

```java
        int n, r;
        System.out.println("Enter any Number");
        Scanner ref=new Scanner(System.in);
        n=ref.nextInt();

        while(n>0)
        {
            r=n%10;
            System.out.print(r);
            n=n/10;
        }
    }

}
```

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      - VowelOrConsonant.java

ASCII.java   VowelOrCons...   NuberPositv...   Swapping.java   Even.java

```java
1  package assignment2;
2  import java.util.Scanner;
3
4  public class Reverse {
5
6      public static void main(String[] args) {
7
8          // TODO Auto-generated method stub
9
10         int n, r;
11         System.out.println("Enter any Number");
12         Scanner ref=new Scanner(System.in);
13         n=ref.nextInt();
14
15         while(n>0)
16         {
17             r=n%10;
18             System.out.print(r);
19             n=n/10;
20         }
21     }
22
23
24 }
```