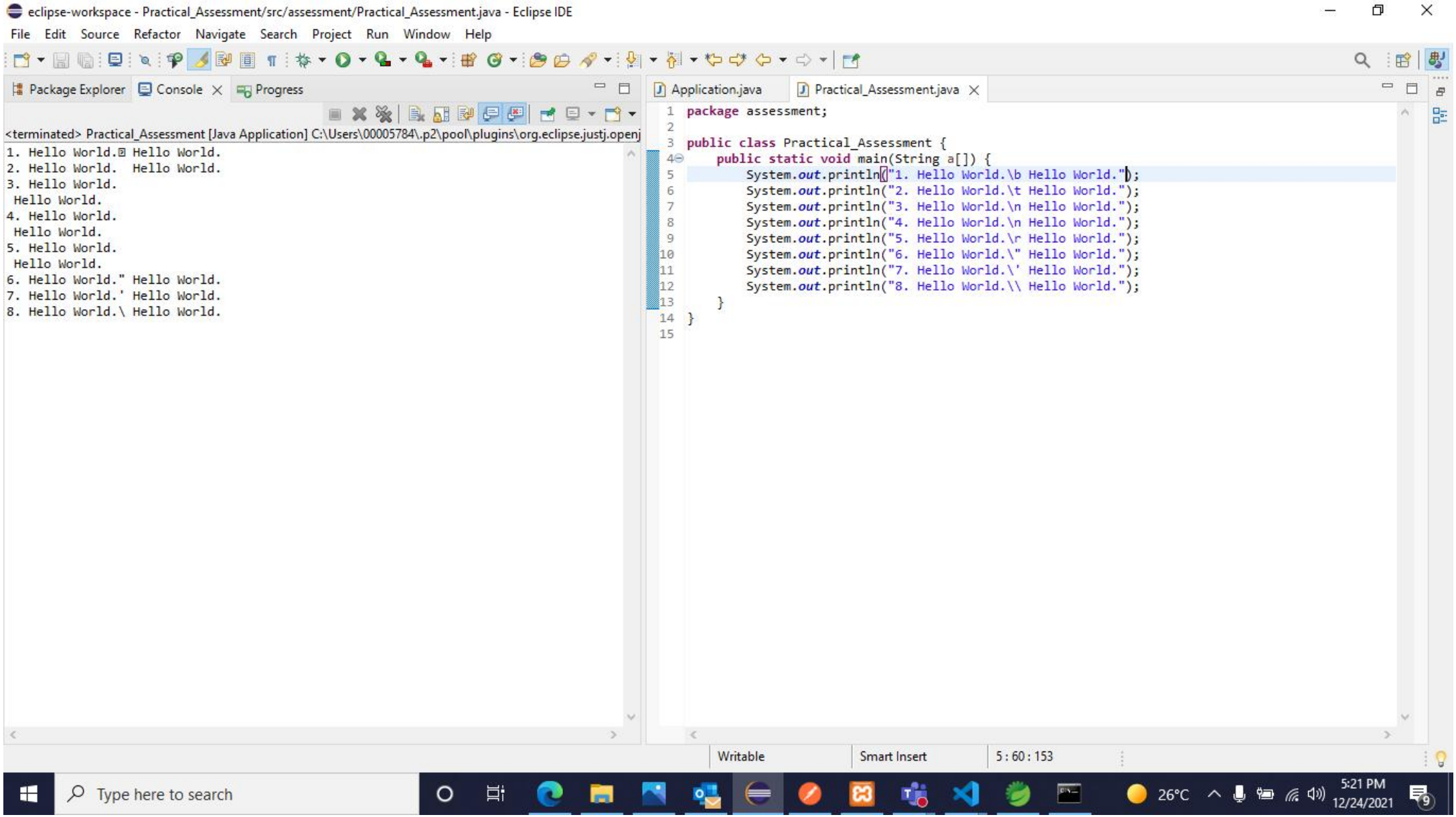
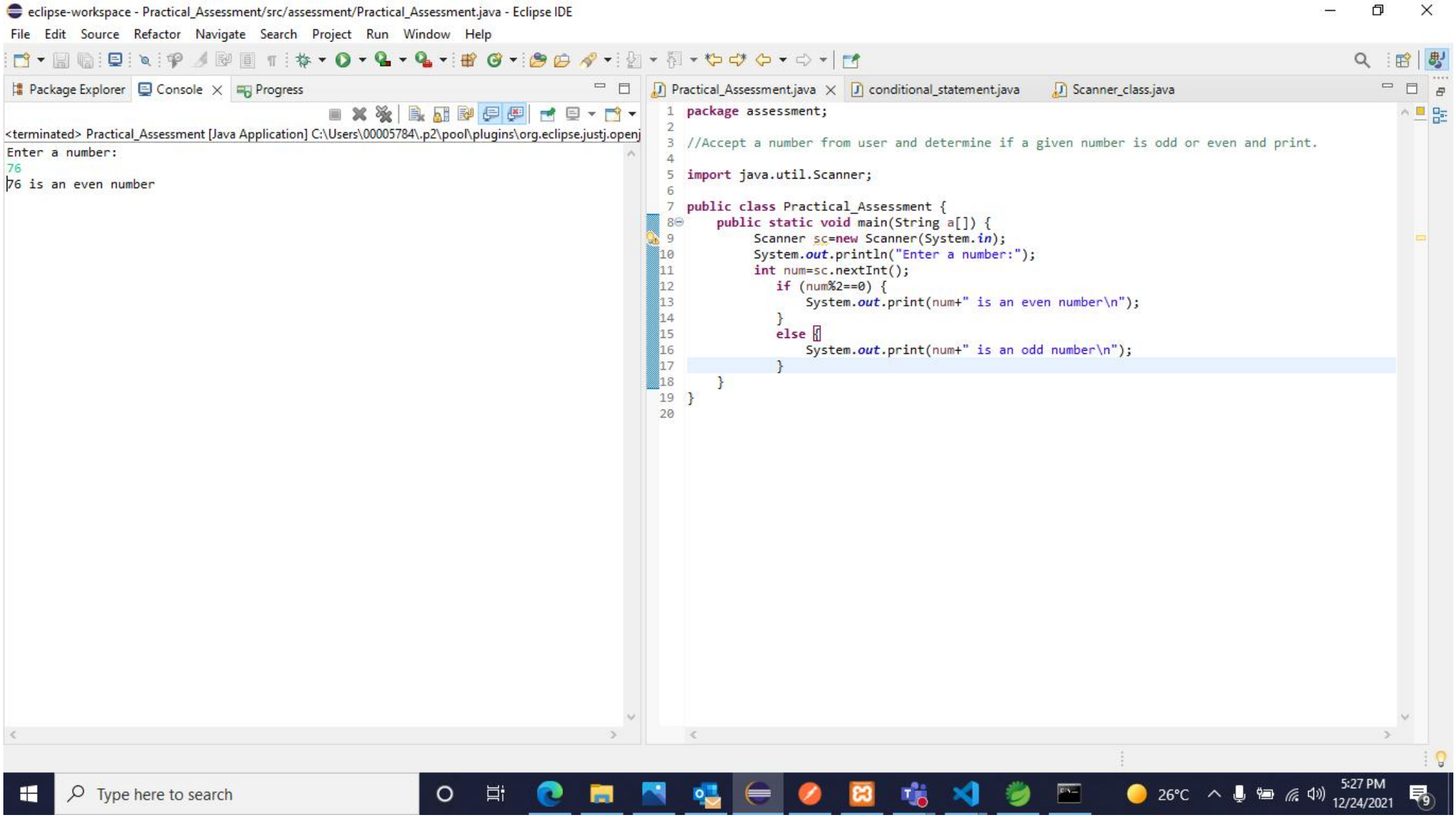
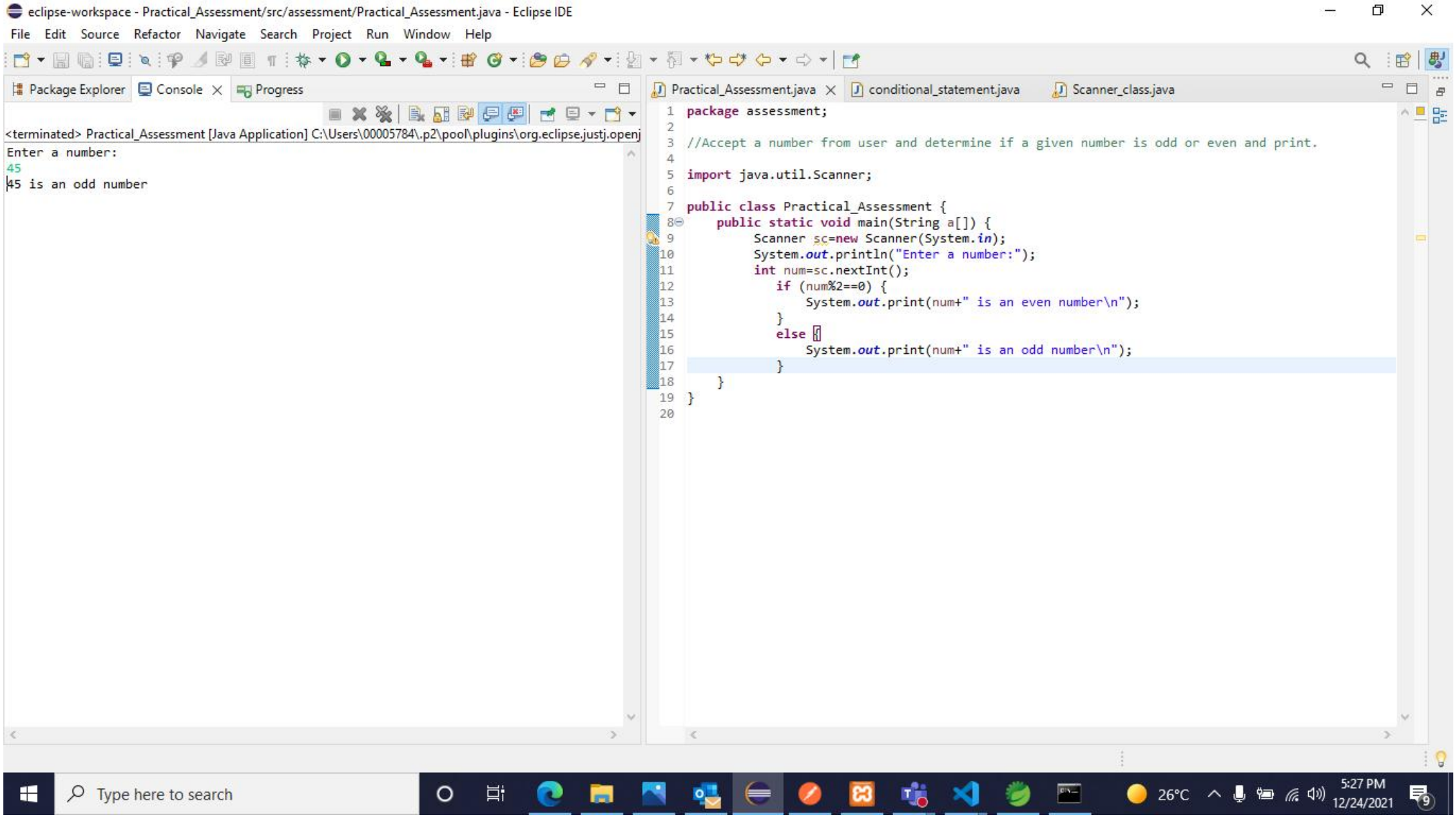
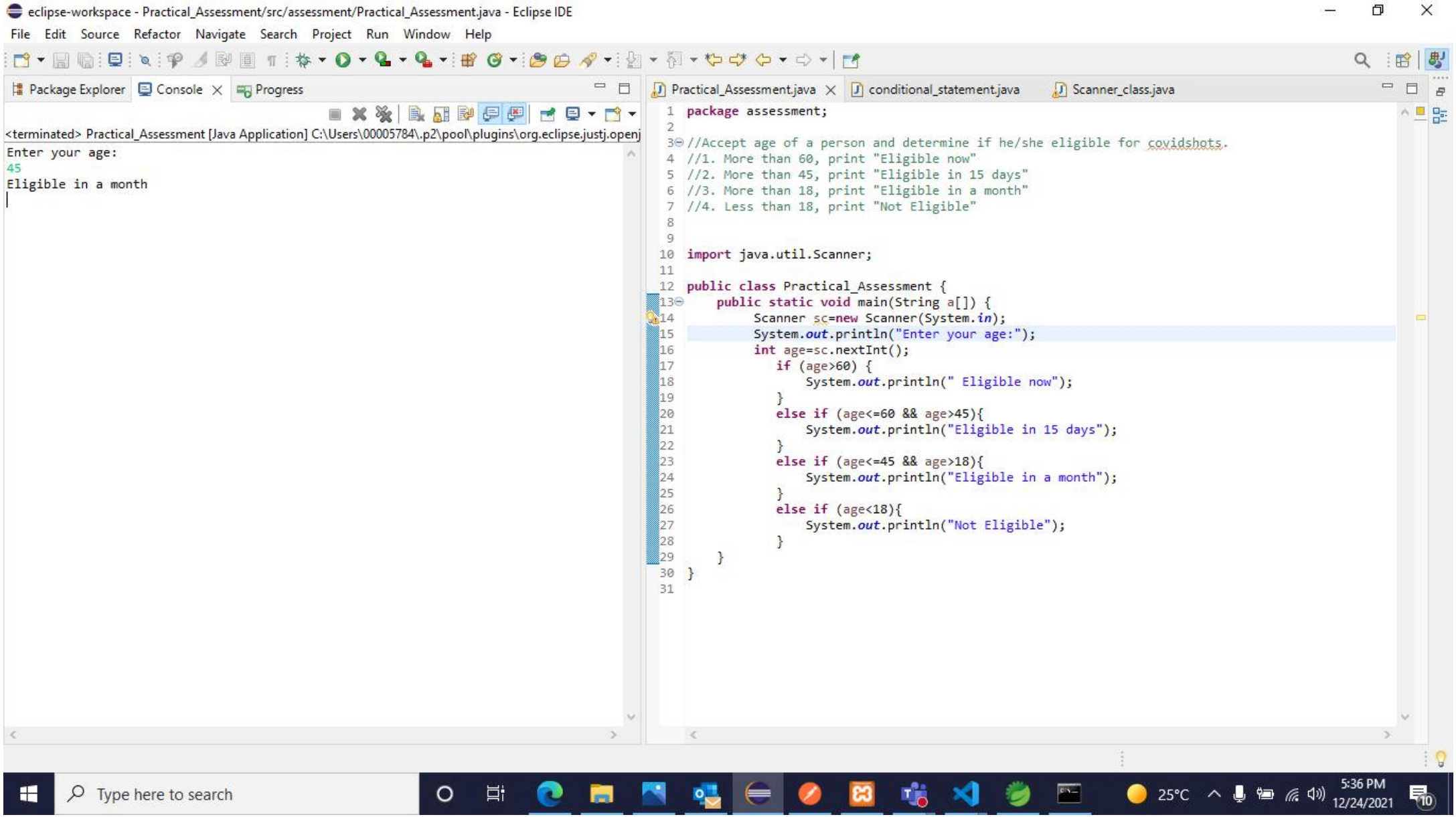
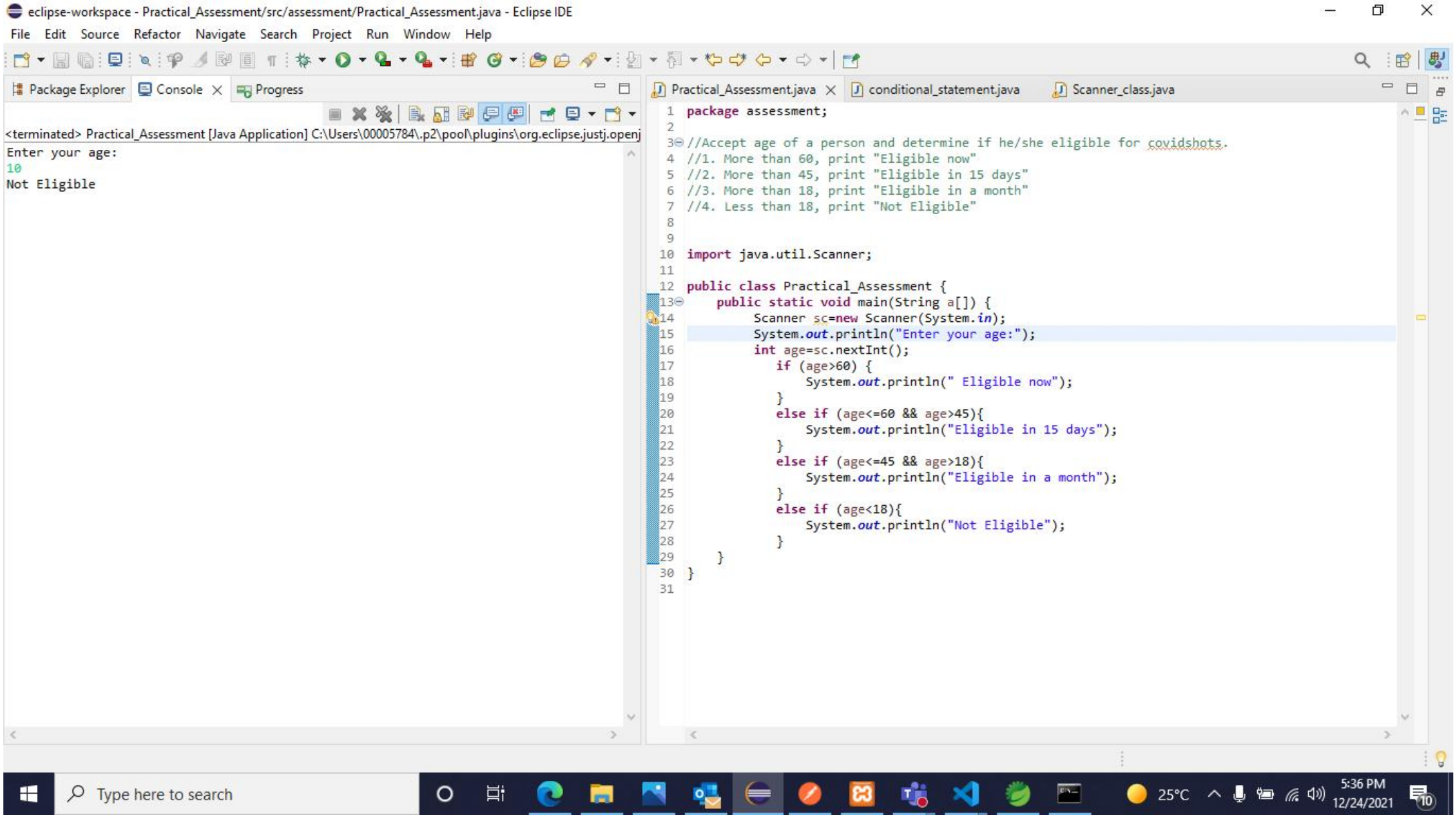

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
1. Hello World. Hello World.
2. Hello World. Hello World.
3. Hello World.
Hello World.
4. Hello World.
Hello World.
5. Hello World.
Hello World.
6. Hello World." Hello World.
7. Hello World.' Hello World.
8. Hello World.\ Hello World.
Application.java
Practical_Assessment.java
1 package assessment;
2
3 public class Practical_Assessment {
4 public static void main(String a[]) {
5 System.out.println("1. Hello World.\b Hello World.");
6 System.out.println("2. Hello World.\t Hello World.");
7 System.out.println("3. Hello World.\n Hello World.");
8 System.out.println("4. Hello World.\n Hello World.");
9 System.out.println("5. Hello World.\r Hello World.");
10 System.out.println("6. Hello World.\" Hello World.");
11 System.out.println("7. Hello World.\' Hello World.");
12 System.out.println("8. Hello World.\\ Hello World.");
13 }
14 }
15
Writable
Smart Insert
5 : 60 : 153
Type here to search
26°C
5:21 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter a number:
76
76 is an even number
Practical_Assessment.java
conditional_statement.java
Scanner_class.java
1 package assessment;
2
3 //Accept a number from user and determine if a given number is odd or even and print.
4
5 import java.util.Scanner;
6
7 public class Practical_Assessment {
8 public static void main(String a[]) {
9 Scanner sc=new Scanner(System.in);
10 System.out.println("Enter a number:");
11 int num=sc.nextInt();
12 if (num%2==0) {
13 System.out.print(num+" is an even number\n");
14 }
15 else {
16 System.out.print(num+" is an odd number\n");
17 }
18 }
19 }
20
Type here to search
26°C
5:27 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter a number:
45
45 is an odd number
Practical_Assessment.java
conditional_statement.java
Scanner_class.java
1 package assessment;
2
3 //Accept a number from user and determine if a given number is odd or even and print.
4
5 import java.util.Scanner;
6
7 public class Practical_Assessment {
8 public static void main(String a[]) {
9 Scanner sc=new Scanner(System.in);
10 System.out.println("Enter a number:");
11 int num=sc.nextInt();
12 if (num%2==0) {
13 System.out.print(num+" is an even number\n");
14 }
15 else {
16 System.out.print(num+" is an odd number\n");
17 }
18 }
19 }
20
Type here to search
26°C
5:27 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter your age:
45
Eligible in a month
Practical_Assessment.java
conditional_statement.java
Scanner_class.java
1 package assessment;
2
3 //Accept age of a person and determine if he/she eligible for covidshots.
4 //1. More than 60, print "Eligible now"
5 //2. More than 45, print "Eligible in 15 days"
6 //3. More than 18, print "Eligible in a month"
7 //4. Less than 18, print "Not Eligible"
8
9
10 import java.util.Scanner;
11
12 public class Practical_Assessment {
13 public static void main(String a[]) {
14 Scanner sc=new Scanner(System.in);
15 System.out.println("Enter your age:");
16 int age=sc.nextInt();
17 if (age>60) {
18 System.out.println(" Eligible now");
19 }
20 else if (age<=60 && age>45){
21 System.out.println("Eligible in 15 days");
22 }
23 else if (age<=45 && age>18){
24 System.out.println("Eligible in a month");
25 }
26 else if (age<18){
27 System.out.println("Not Eligible");
28 }
29 }
30 }
31
Type here to search
25°C
5:36 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter your age:
10
Not Eligible
Practical_Assessment.java
conditional_statement.java
Scanner_class.java
1 package assessment;
2
3 //Accept age of a person and determine if he/she eligible for covidshots.
4 //1. More than 60, print "Eligible now"
5 //2. More than 45, print "Eligible in 15 days"
6 //3. More than 18, print "Eligible in a month"
7 //4. Less than 18, print "Not Eligible"
8
9
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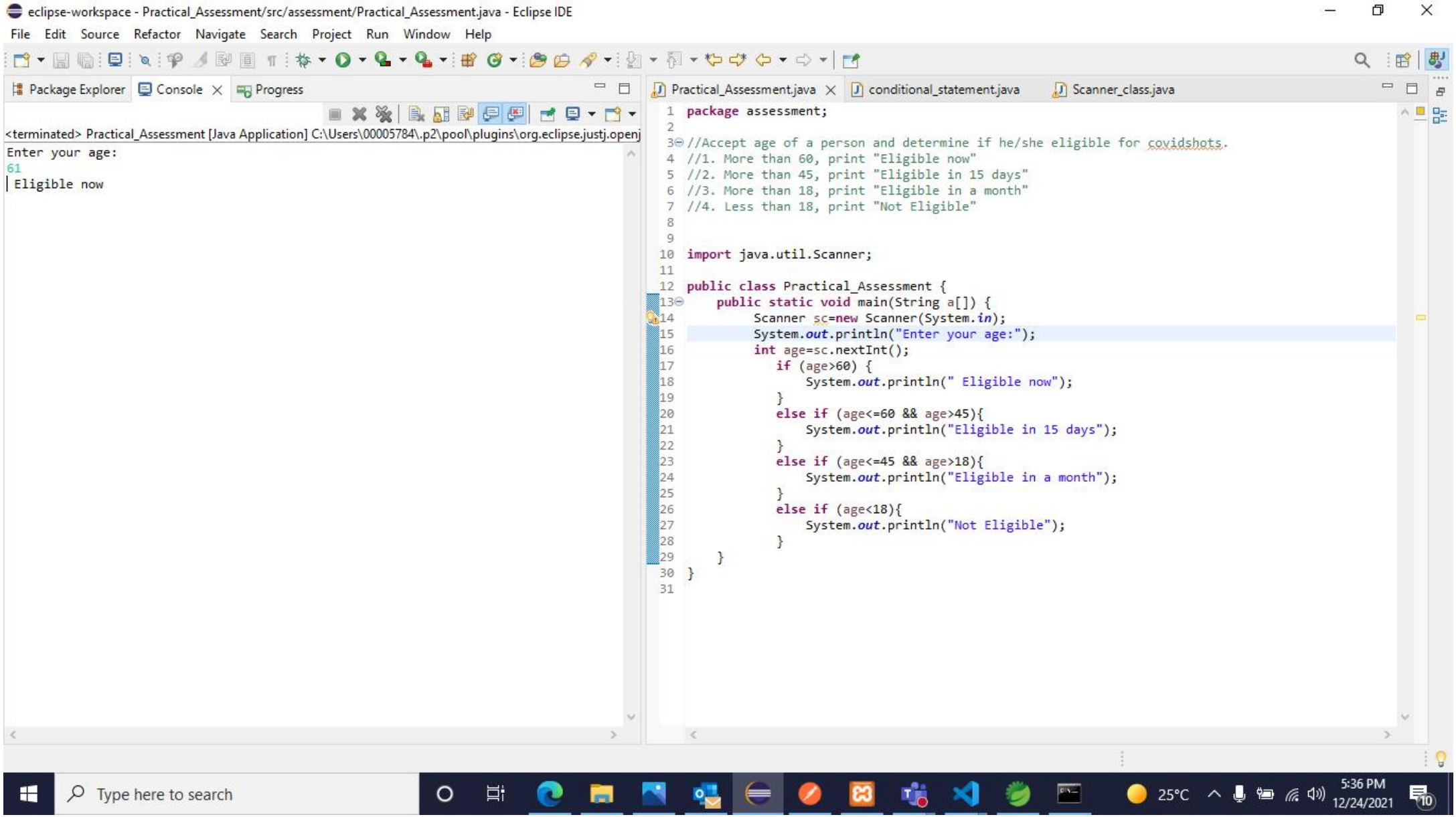
11
12 public class Practical_Assessment {
13 public static void main(String a[]) {
14 Scanner sc=new Scanner(System.in);
15 System.out.println("Enter your age:");
16 int age=sc.nextInt();
17 if (age>60) {
18 System.out.println(" Eligible now");
19 }
20 else if (age<=60 && age>45){
21 System.out.println("Eligible in 15 days");
22 }
23 else if (age<=45 && age>18){
24 System.out.println("Eligible in a month");
25 }
26 else if (age<18){
27 System.out.println("Not Eligible");
28 }
29 }
30 }
31
Type here to search
25°C
5:36 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter your age:
61
Eligible now
Practical_Assessment.java
conditional_statement.java
Scanner_class.java
1 package assessment;
2
3 //Accept age of a person and determine if he/she eligible for covidshots.
4 //1. More than 60, print "Eligible now"
5 //2. More than 45, print "Eligible in 15 days"
6 //3. More than 18, print "Eligible in a month"
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12 public class Practical_Assessment {
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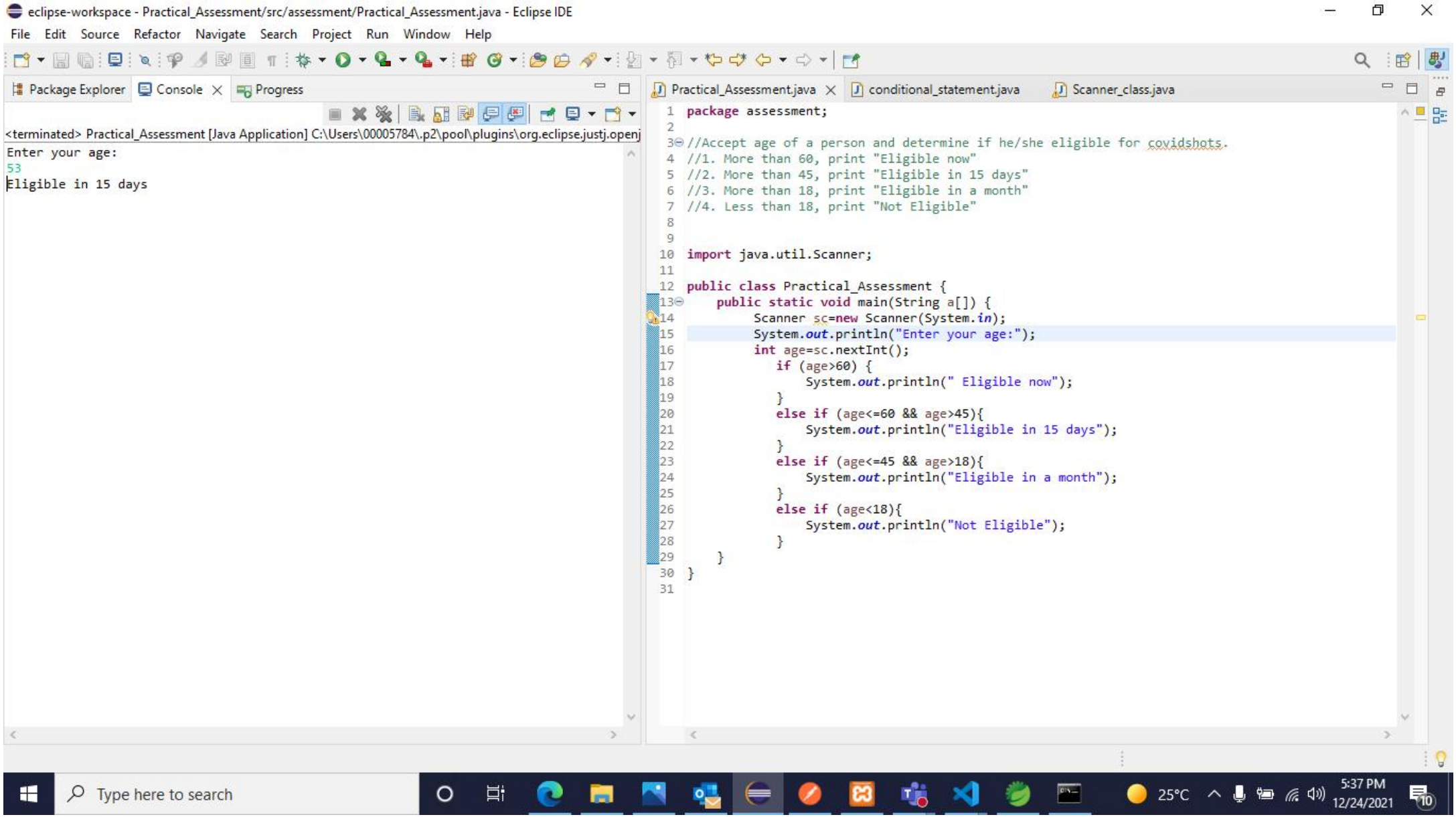
14 Scanner sc=new Scanner(System.in);
15 System.out.println("Enter your age:");
16 int age=sc.nextInt();
17 if (age>60) {
18 System.out.println(" Eligible now");
19 }
20 else if (age<=60 && age>45){
21 System.out.println("Eligible in 15 days");
22 }
23 else if (age<=45 && age>18){
24 System.out.println("Eligible in a month");
25 }
26 else if (age<18){
27 System.out.println("Not Eligible");
28 }
29 }
30 }
31
Type here to search
25°C
5:36 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter your age:
53
Eligible in 15 days
Practical_Assessment.java
conditional_statement.java
Scanner_class.java
1 package assessment;
2
3 //Accept age of a person and determine if he/she eligible for covidshots.
4 //1. More than 60, print "Eligible now"
5 //2. More than 45, print "Eligible in 15 days"
6 //3. More than 18, print "Eligible in a month"
7 //4. Less than 18, print "Not Eligible"
8
9
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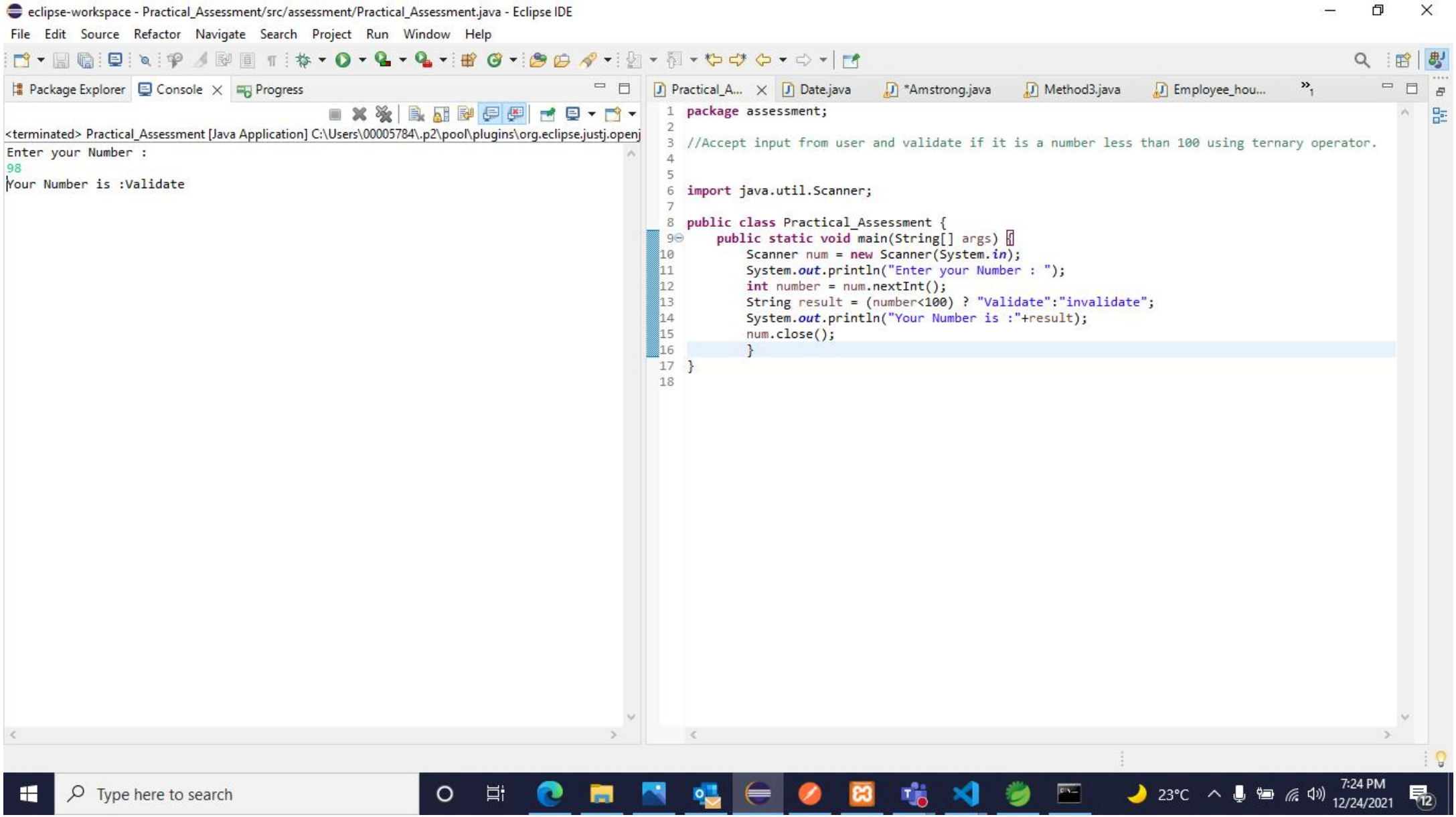
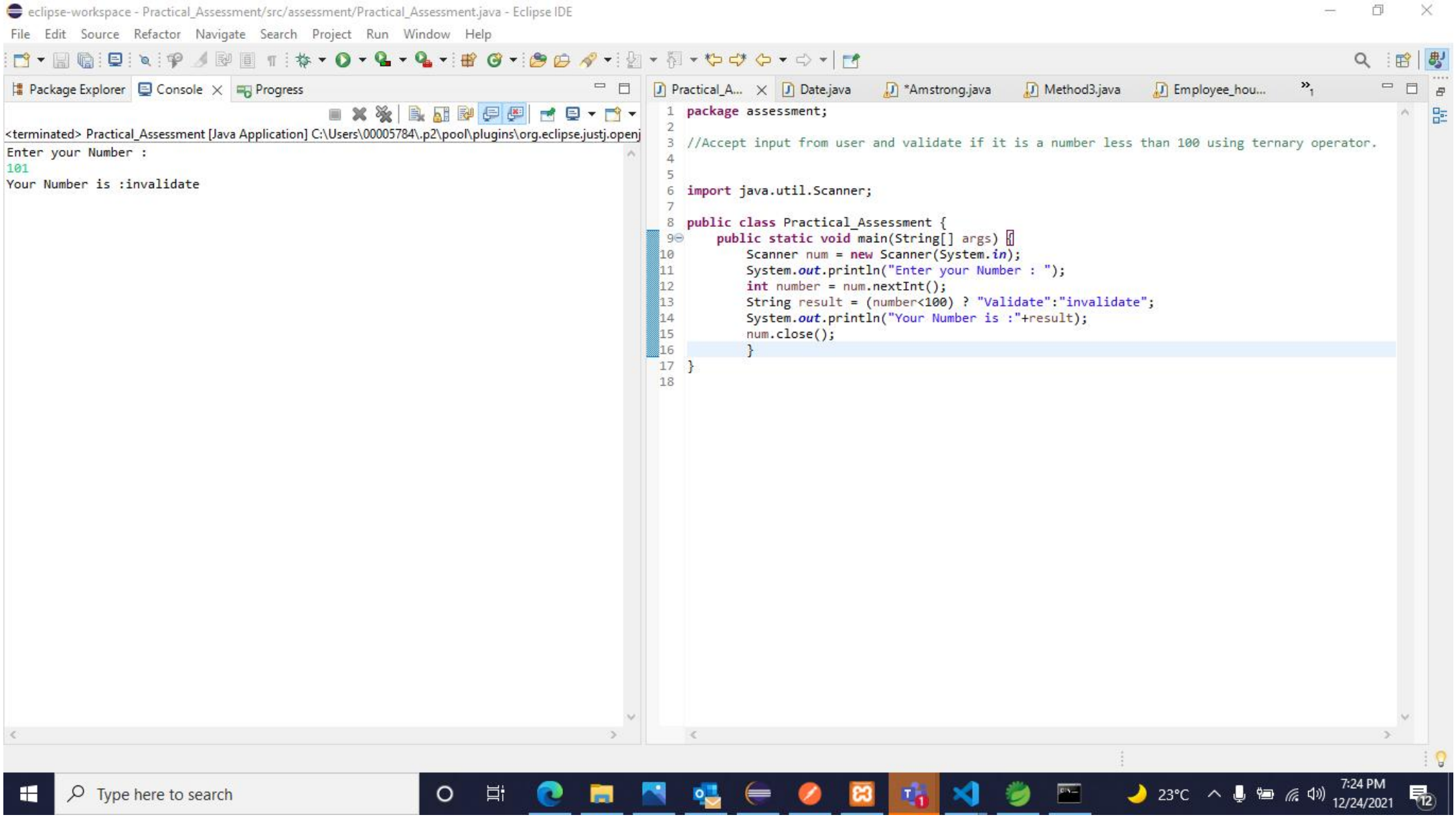
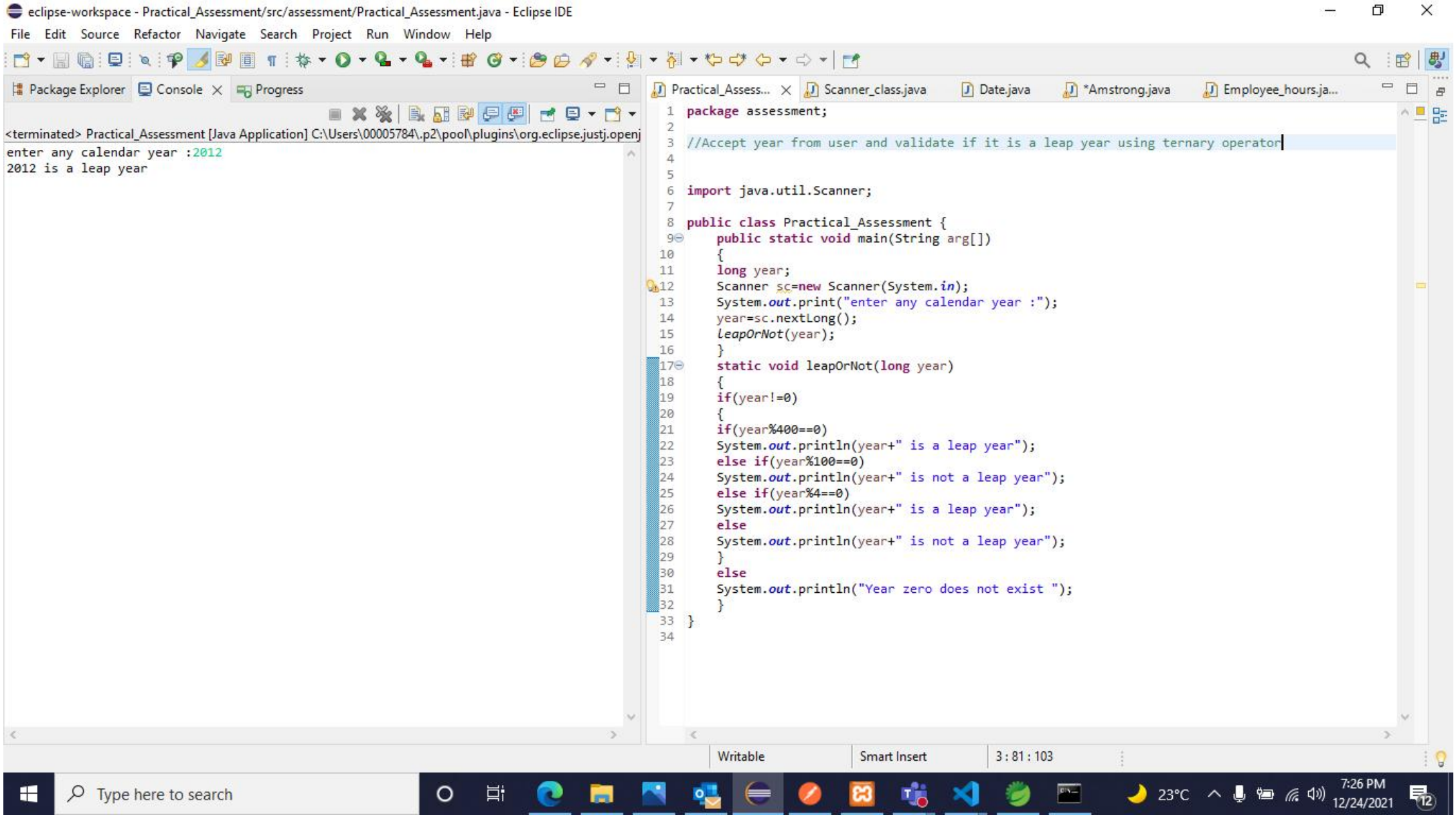
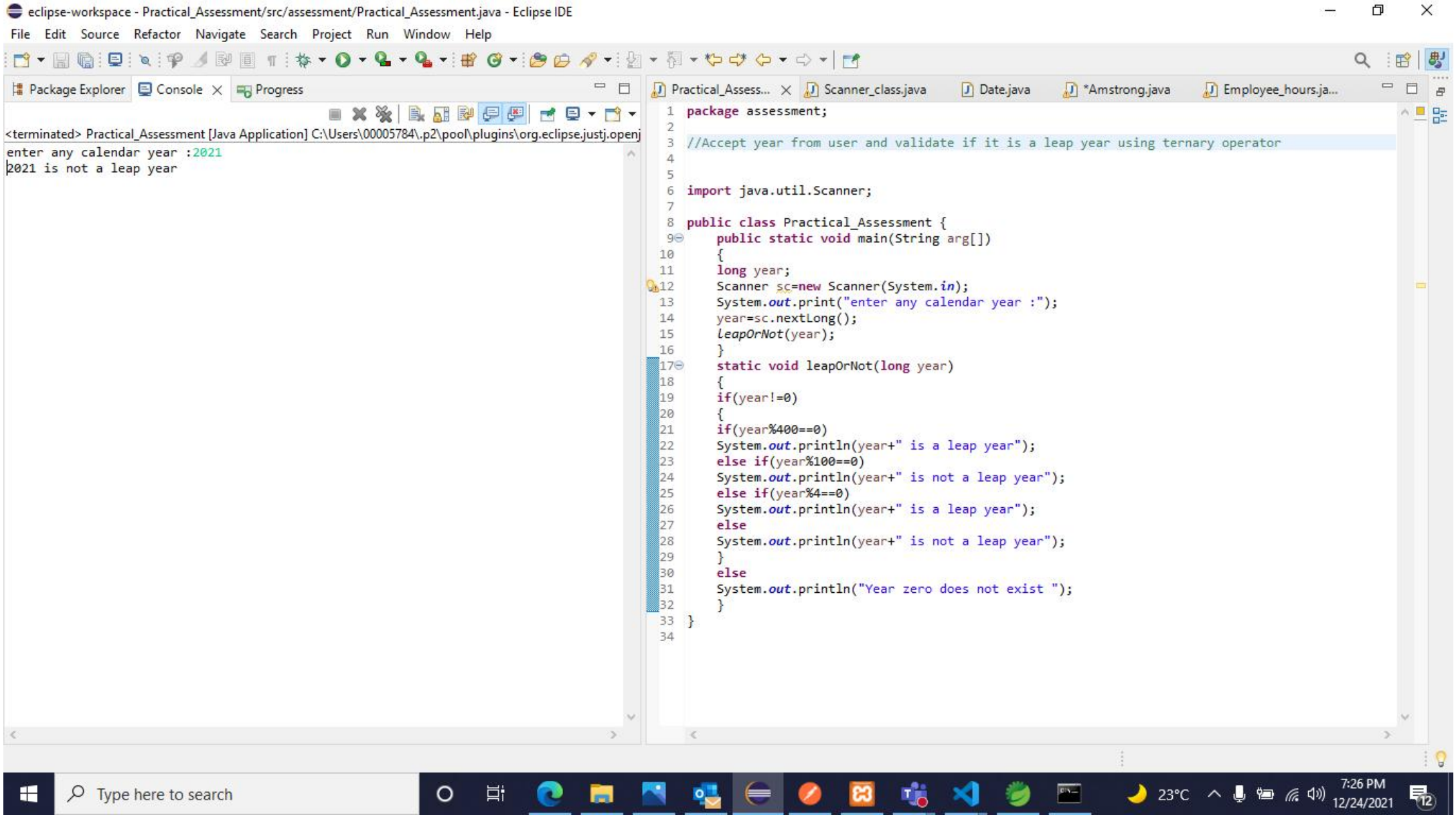
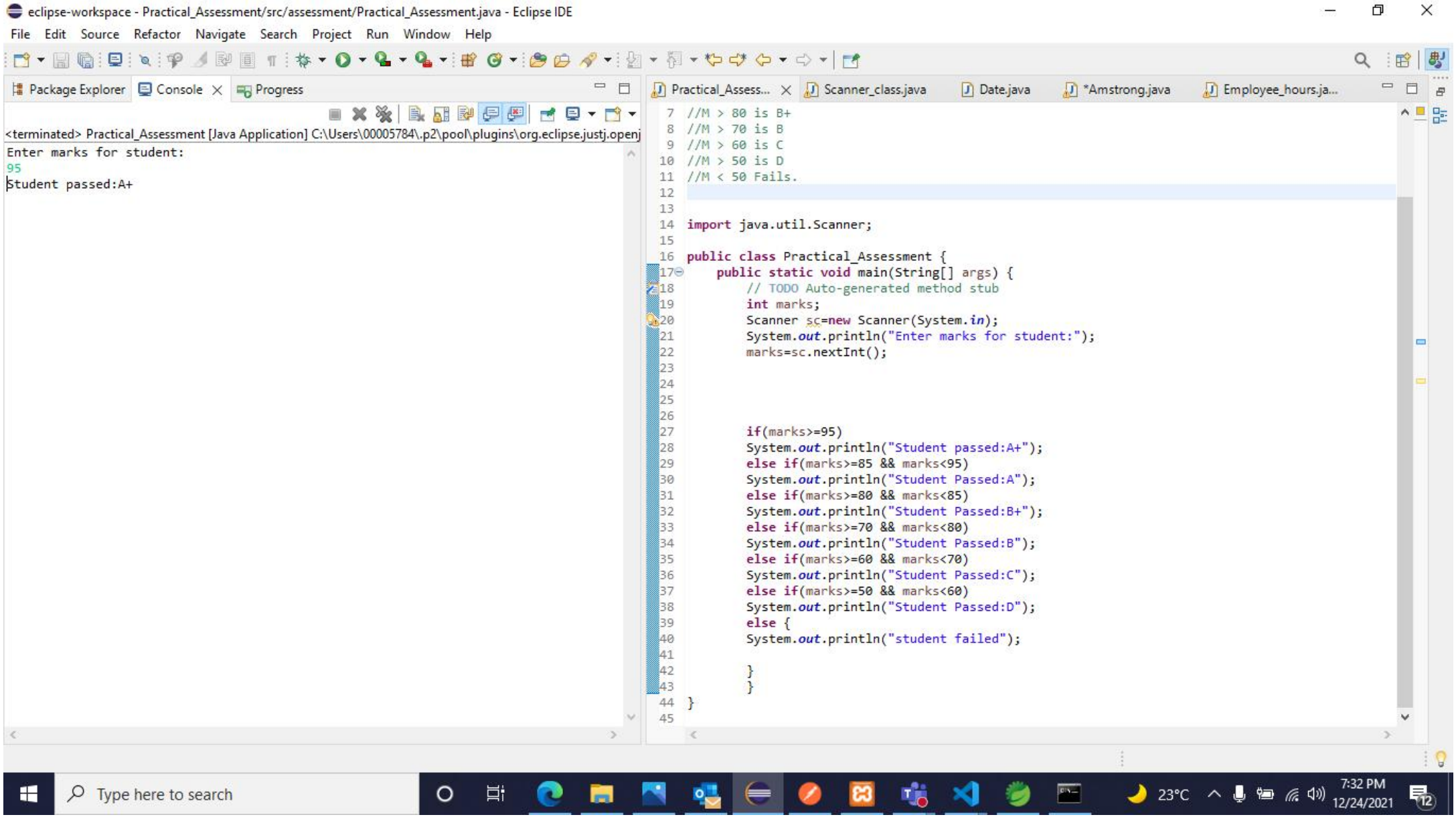
11
12 public class Practical_Assessment {
13 public static void main(String a[]) {
14 Scanner sc=new Scanner(System.in);
15 System.out.println("Enter your age:");
16 int age=sc.nextInt();
17 if (age>60) {
18 System.out.println(" Eligible now");
19 }
20 else if (age<=60 && age>45){
21 System.out.println("Eligible in 15 days");
22 }
23 else if (age<=45 && age>18){
24 System.out.println("Eligible in a month");
25 }
26 else if (age<18){
27 System.out.println("Not Eligible");
28 }
29 }
30 }
31
Type here to search
25°C
5:37 PM
12/24/2021

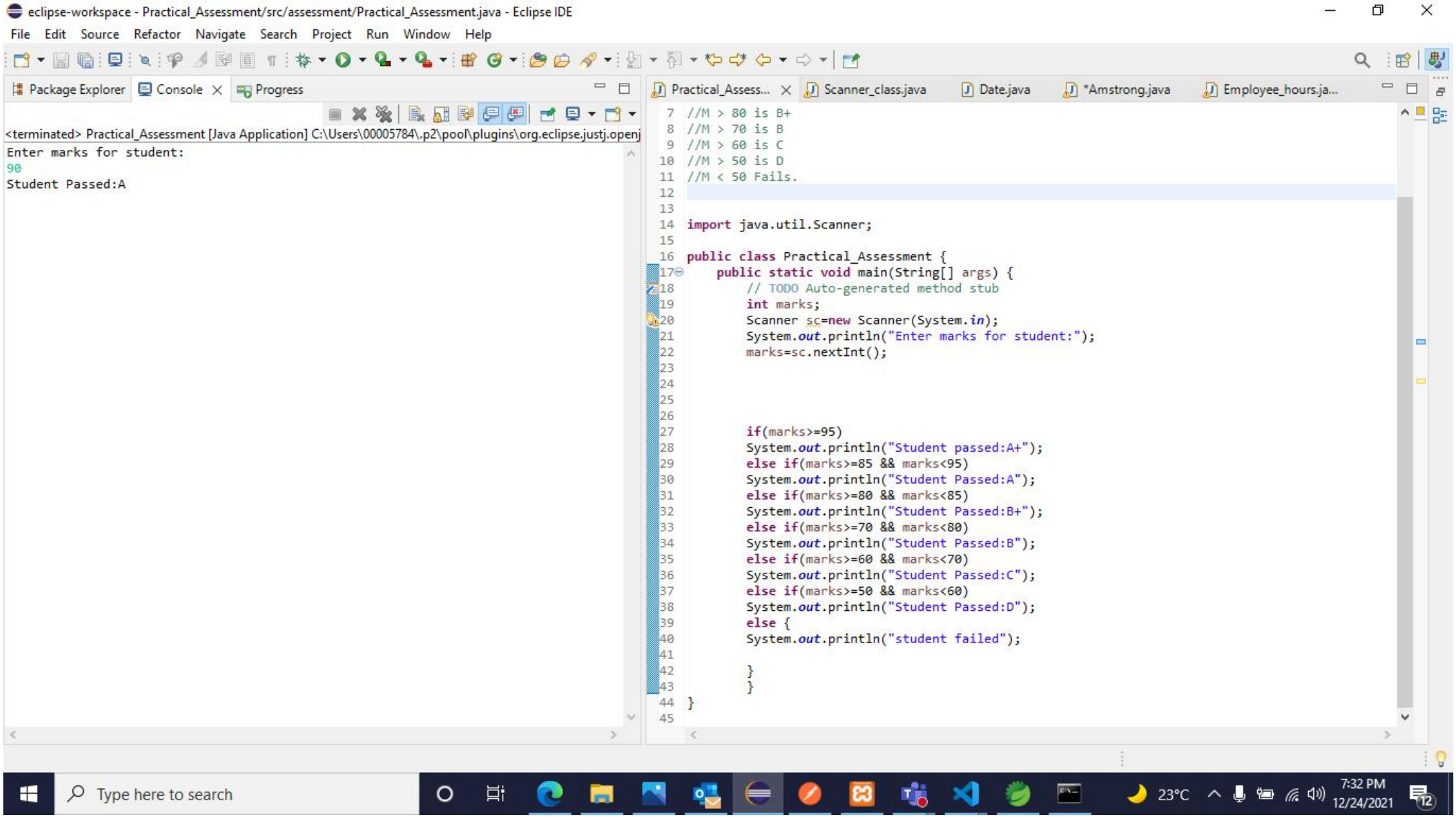

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter your Number :
98
Your Number is :Validate
Practical_A...
Date.java
*Amstrong.java
Method3.java
Employee_hou...
1 package assessment;
2
3 //Accept input from user and validate if it is a number less than 100 using ternary operator.
4
5
6 import java.util.Scanner;
7
8 public class Practical_Assessment {
9 public static void main(String[] args) {
10 Scanner num = new Scanner(System.in);
11 System.out.println("Enter your Number : ");
12 int number = num.nextInt();
13 String result = (number<100) ? "Validate":"invalidate";
14 System.out.println("Your Number is :"+result);
15 num.close();
16 }
17 }
18
Type here to search
23°C
7:24 PM
12/24/2021

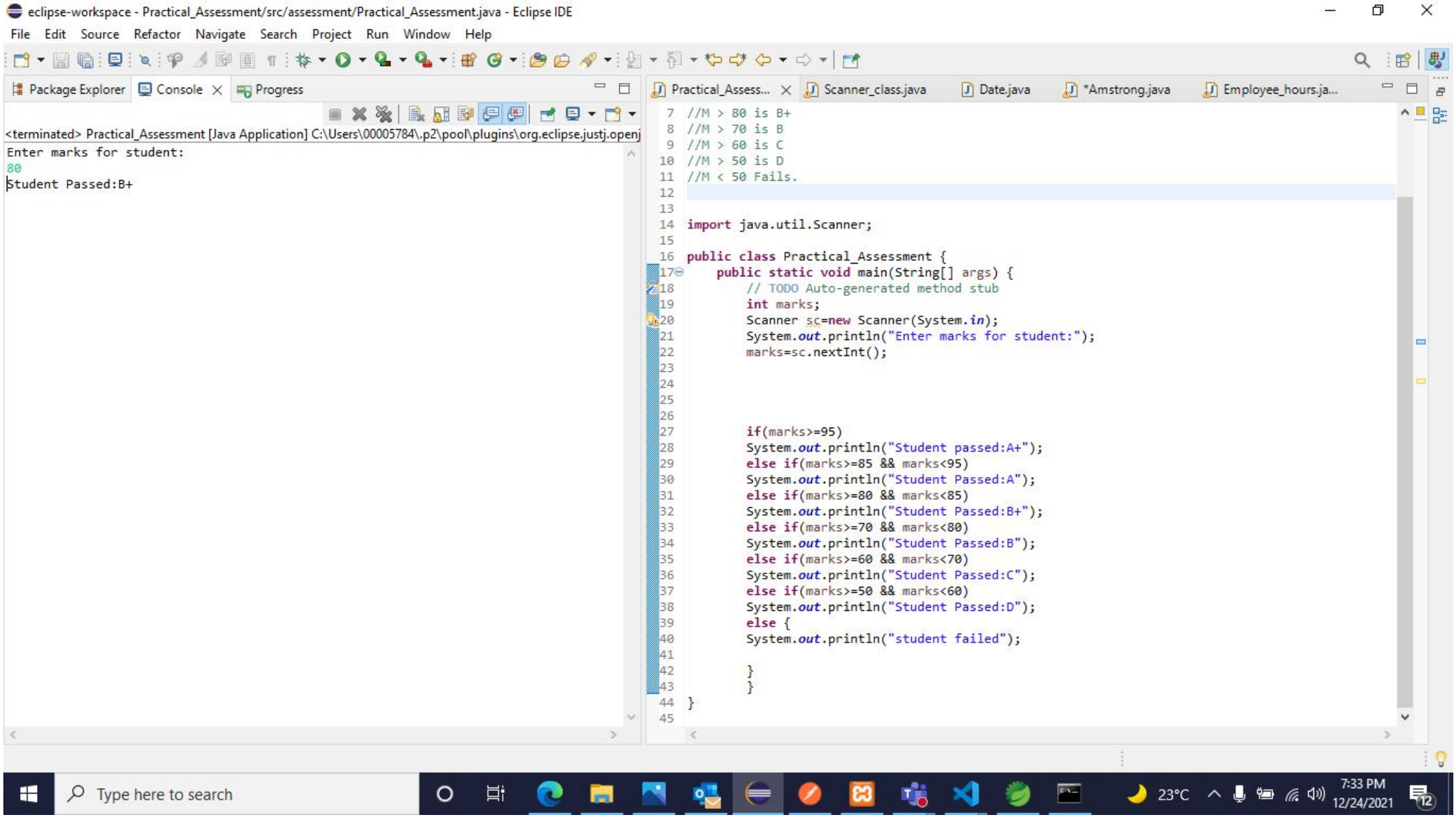

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter your Number :
101
Your Number is :invalidate
Practical_A...
Date.java
*Amstrong.java
Method3.java
Employee_hou...
1 package assessment;
2
3 //Accept input from user and validate if it is a number less than 100 using ternary operator.
4
5
6 import java.util.Scanner;
7
8 public class Practical_Assessment {
9 public static void main(String[] args) {
10 Scanner num = new Scanner(System.in);
11 System.out.println("Enter your Number : ");
12 int number = num.nextInt();
13 String result = (number<100) ? "Validate":"invalidate";
14 System.out.println("Your Number is :"+result);
15 num.close();
16 }
17 }
18
Type here to search
23°C
7:24 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
enter any calendar year :2012
2012 is a leap year
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
1 package assessment;
2
3 //Accept year from user and validate if it is a leap year using ternary operator
4
5
6 import java.util.Scanner;
7
8 public class Practical_Assessment {
9 public static void main(String arg[])
10 {
11 long year;
12 Scanner sc=new Scanner(System.in);
13 System.out.print("enter any calendar year :");
14 year=sc.nextLong();
15 leapOrNot(year);
16 }
17 static void leapOrNot(long year)
18 {
19 if(year!=0)
20 {
21 if(year%400==0)
22 System.out.println(year+" is a leap year");
23 else if(year%100==0)
24 System.out.println(year+" is not a leap year");
25 else if(year%4==0)
26 System.out.println(year+" is a leap year");
27 else
28 System.out.println(year+" is not a leap year");
29 }
30 else
31 System.out.println("Year zero does not exist ");
32 }
33 }
34
Writable
Smart Insert
3 : 81 : 103
Type here to search
23°C
7:26 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
enter any calendar year :2021
2021 is not a leap year
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
1 package assessment;
2
3 //Accept year from user and validate if it is a leap year using ternary operator
4
5
6 import java.util.Scanner;
7
8 public class Practical_Assessment {
9 public static void main(String arg[])
10 {
11 long year;
12 Scanner sc=new Scanner(System.in);
13 System.out.print("enter any calendar year :");
14 year=sc.nextLong();
15 leapOrNot(year);
16 }
17 static void leapOrNot(long year)
18 {
19 if(year!=0)
20 {
21 if(year%400==0)
22 System.out.println(year+" is a leap year");
23 else if(year%100==0)
24 System.out.println(year+" is not a leap year");
25 else if(year%4==0)
26 System.out.println(year+" is a leap year");
27 else
28 System.out.println(year+" is not a leap year");
29 }
30 else
31 System.out.println("Year zero does not exist ");
32 }
33 }
34
Type here to search
23°C
7:26 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter marks for student:
95
Student passed:A+
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
//M > 80 is B+
//M > 70 is B
//M > 60 is C
//M > 50 is D
//M < 50 Fails.
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
// TODO Auto-generated method stub
int marks;
Scanner sc=new Scanner(System.in);
System.out.println("Enter marks for student:");
marks=sc.nextInt();
if(marks>=95)
System.out.println("Student passed:A+");
else if(marks>=85 && marks<95)
System.out.println("Student Passed:A");
else if(marks>=80 && marks<85)
System.out.println("Student Passed:B+");
else if(marks>=70 && marks<80)
System.out.println("Student Passed:B");
else if(marks>=60 && marks<70)
System.out.println("Student Passed:C");
else if(marks>=50 && marks<60)
System.out.println("Student Passed:D");
else {
System.out.println("student failed");
}
}
}
Type here to search
23°C
7:32 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter marks for student:
90
Student Passed:A
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
//M > 80 is B+
//M > 70 is B
//M > 60 is C
//M > 50 is D
//M < 50 Fails.
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
// TODO Auto-generated method stub
int marks;
Scanner sc=new Scanner(System.in);
System.out.println("Enter marks for student:");
marks=sc.nextInt();
if(marks>=95)
System.out.println("Student passed:A+");
else if(marks>=85 && marks<95)
System.out.println("Student Passed:A");
else if(marks>=80 && marks<85)
System.out.println("Student Passed:B+");
else if(marks>=70 && marks<80)
System.out.println("Student Passed:B");
else if(marks>=60 && marks<70)
System.out.println("Student Passed:C");
else if(marks>=50 && marks<60)
System.out.println("Student Passed:D");
else {
System.out.println("student failed");
}
}
}
Type here to search
23°C
7:32 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter marks for student:
80
Student Passed:B+
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
//M > 80 is B+
//M > 70 is B
//M > 60 is C
//M > 50 is D
//M < 50 Fails.
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
// TODO Auto-generated method stub
int marks;
Scanner sc=new Scanner(System.in);
System.out.println("Enter marks for student:");
marks=sc.nextInt();
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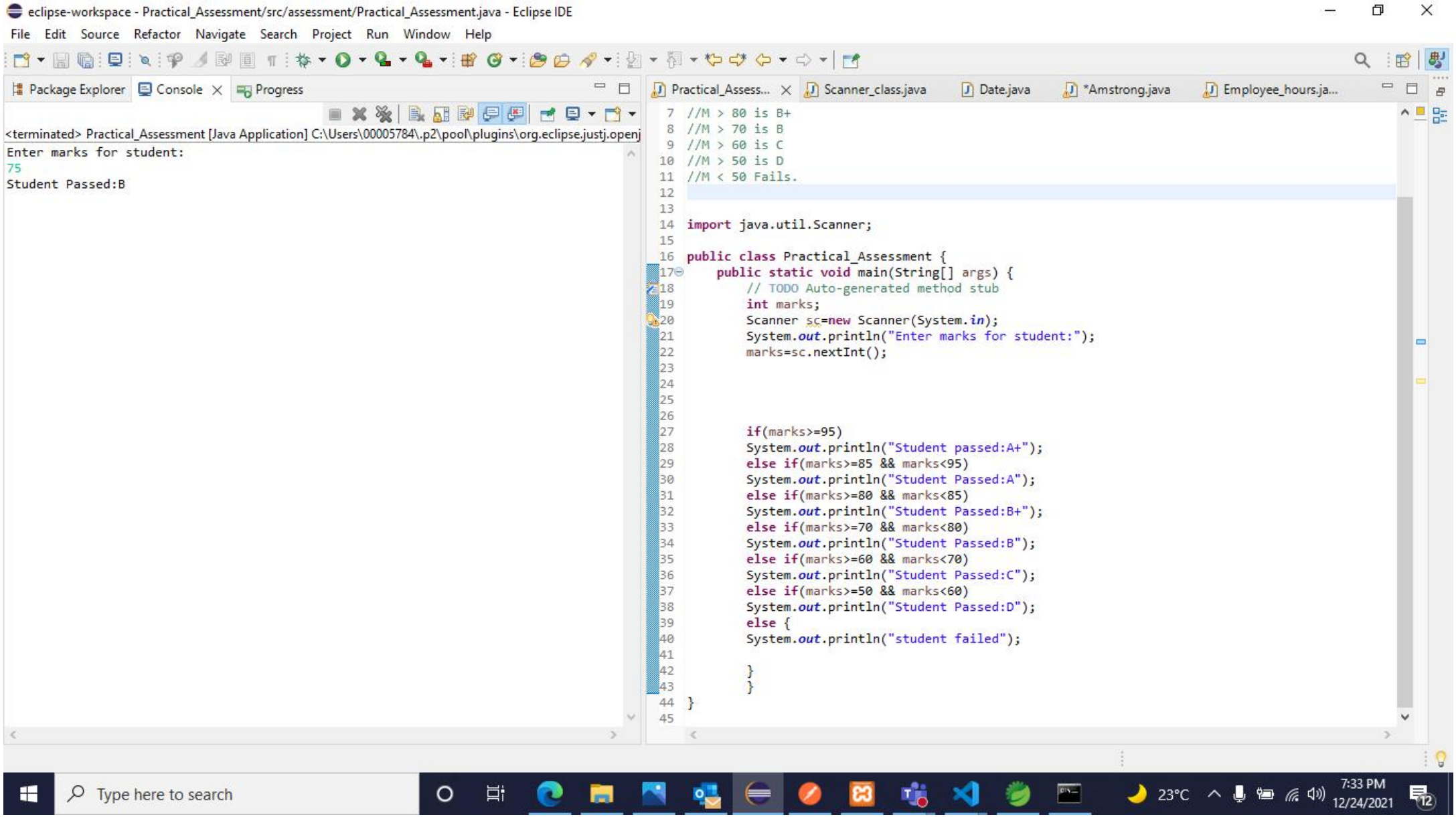
System.out.println("Student passed:A+");
else if(marks>=85 && marks<95)
System.out.println("Student Passed:A");
else if(marks>=80 && marks<85)
System.out.println("Student Passed:B+");
else if(marks>=70 && marks<80)
System.out.println("Student Passed:B");
else if(marks>=60 && marks<70)
System.out.println("Student Passed:C");
else if(marks>=50 && marks<60)
System.out.println("Student Passed:D");
else {
System.out.println("student failed");
}
}
}
Type here to search
23°C
7:33 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter marks for student:
75
Student Passed:B
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
//M > 80 is B+
//M > 70 is B
//M > 60 is C
//M > 50 is D
//M < 50 Fails.
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
// TODO Auto-generated method stub
int marks;
Scanner sc=new Scanner(System.in);
System.out.println("Enter marks for student:");
marks=sc.nextInt();
if(marks>=95)
System.out.println("Student passed:A+");
else if(marks>=85 && marks<95)
System.out.println("Student Passed:A");
else if(marks>=80 && marks<85)
System.out.println("Student Passed:B+");
else if(marks>=70 && marks<80)
System.out.println("Student Passed:B");
else if(marks>=60 && marks<70)
System.out.println("Student Passed:C");
else if(marks>=50 && marks<60)
System.out.println("Student Passed:D");
else {
System.out.println("student failed");
}
}
}
Type here to search
23°C
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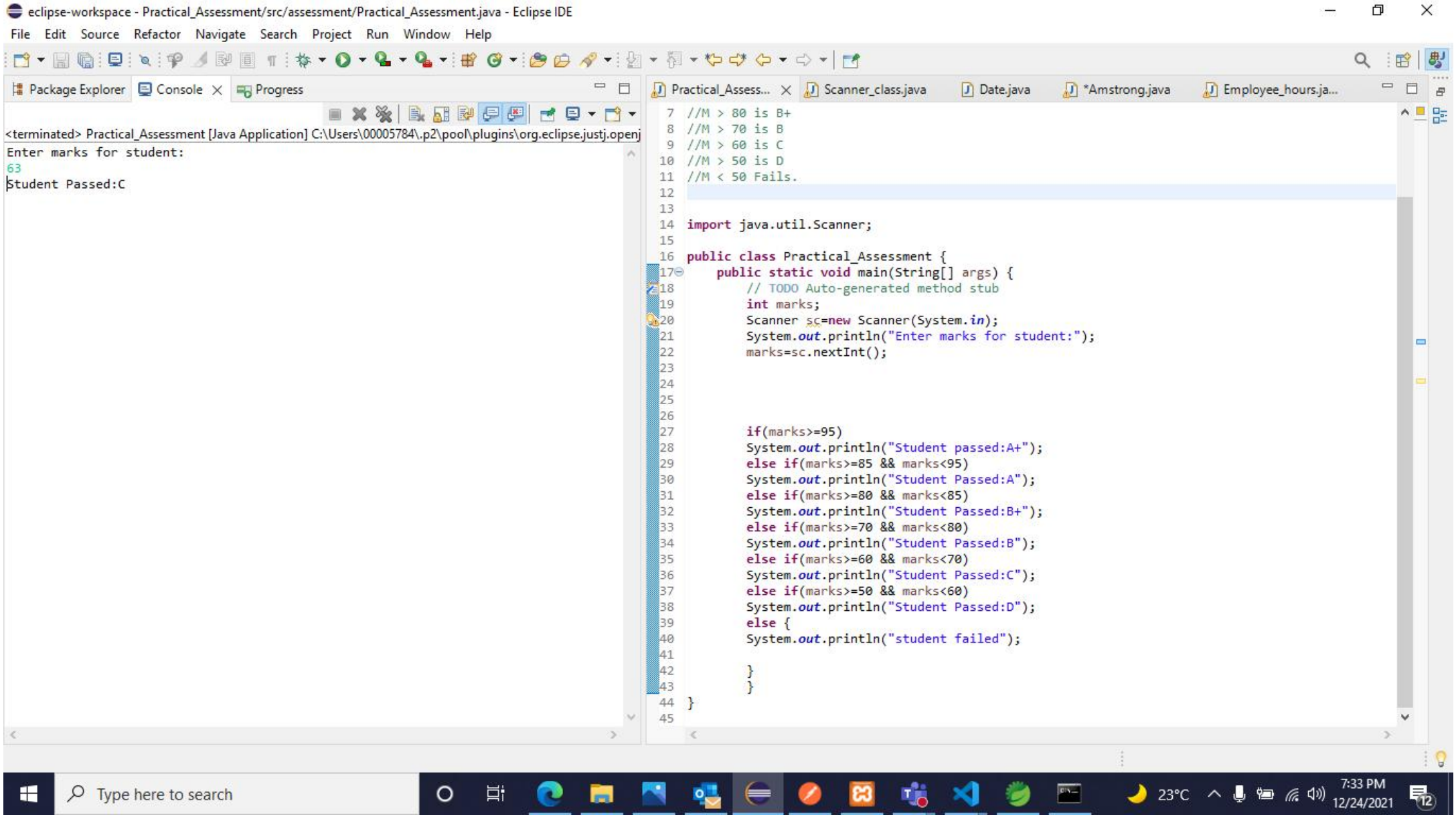
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter marks for student:
63
Student Passed:C
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
//M > 80 is B+
//M > 70 is B
//M > 60 is C
//M > 50 is D
//M < 50 Fails.
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
// TODO Auto-generated method stub
int marks;
Scanner sc=new Scanner(System.in);
System.out.println("Enter marks for student:");
marks=sc.nextInt();
if(marks>=95)
System.out.println("Student passed:A+");
else if(marks>=85 && marks<95)
System.out.println("Student Passed:A");
else if(marks>=80 && marks<85)
System.out.println("Student Passed:B+");
else if(marks>=70 && marks<80)
System.out.println("Student Passed:B");
else if(marks>=60 && marks<70)
System.out.println("Student Passed:C");
else if(marks>=50 && marks<60)
System.out.println("Student Passed:D");
else {
System.out.println("student failed");
}
}
}
Type here to search
23°C
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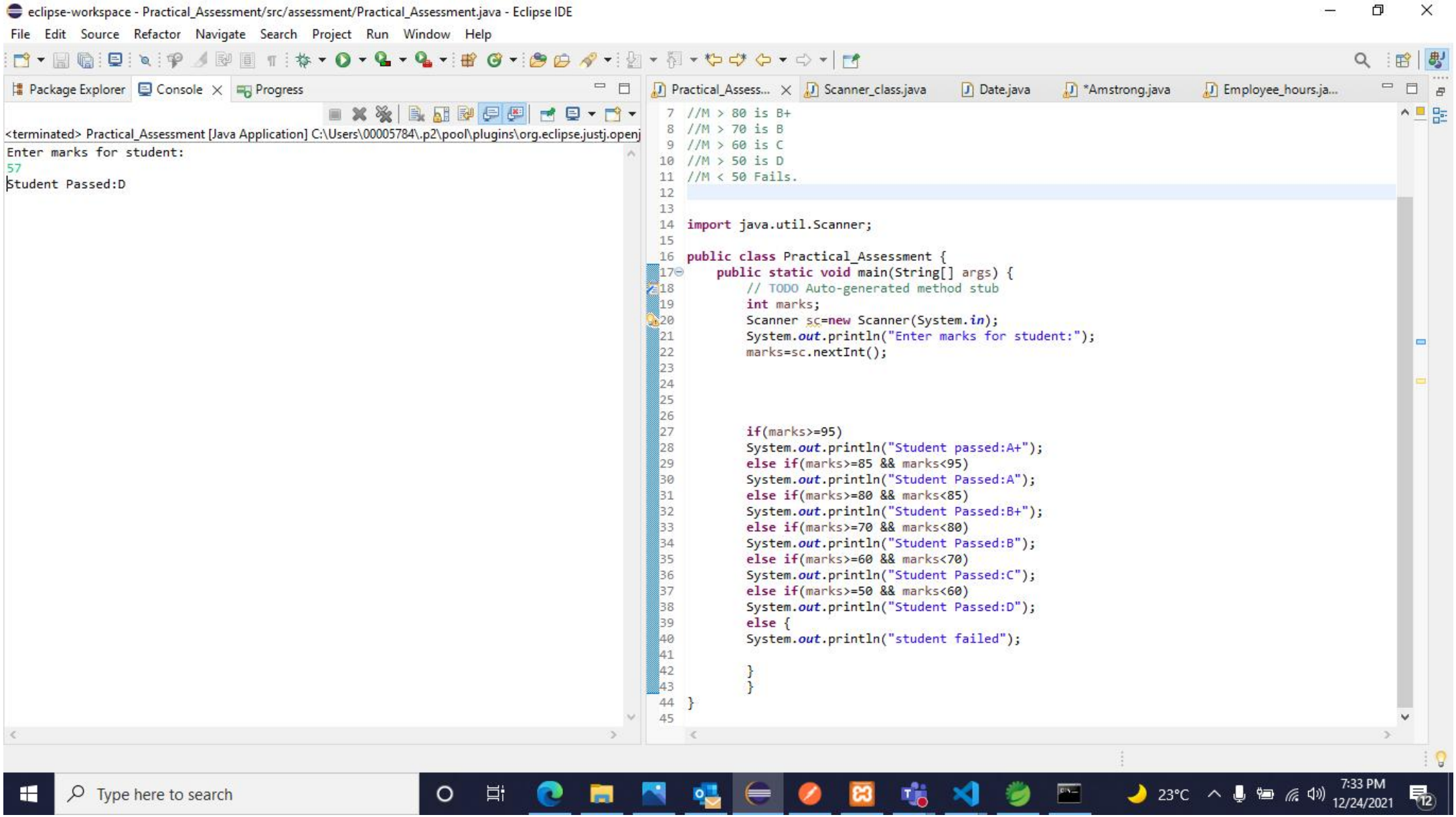
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter marks for student:
57
Student Passed:D
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
//M > 80 is B+
//M > 70 is B
//M > 60 is C
//M > 50 is D
//M < 50 Fails.
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
// TODO Auto-generated method stub
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Scanner sc=new Scanner(System.in);
System.out.println("Enter marks for student:");
marks=sc.nextInt();
if(marks>=95)
System.out.println("Student passed:A+");
else if(marks>=85 && marks<95)
System.out.println("Student Passed:A");
else if(marks>=80 && marks<85)
System.out.println("Student Passed:B+");
else if(marks>=70 && marks<80)
System.out.println("Student Passed:B");
else if(marks>=60 && marks<70)
System.out.println("Student Passed:C");
else if(marks>=50 && marks<60)
System.out.println("Student Passed:D");
else {
System.out.println("student failed");
}
}
}
Type here to search
23°C
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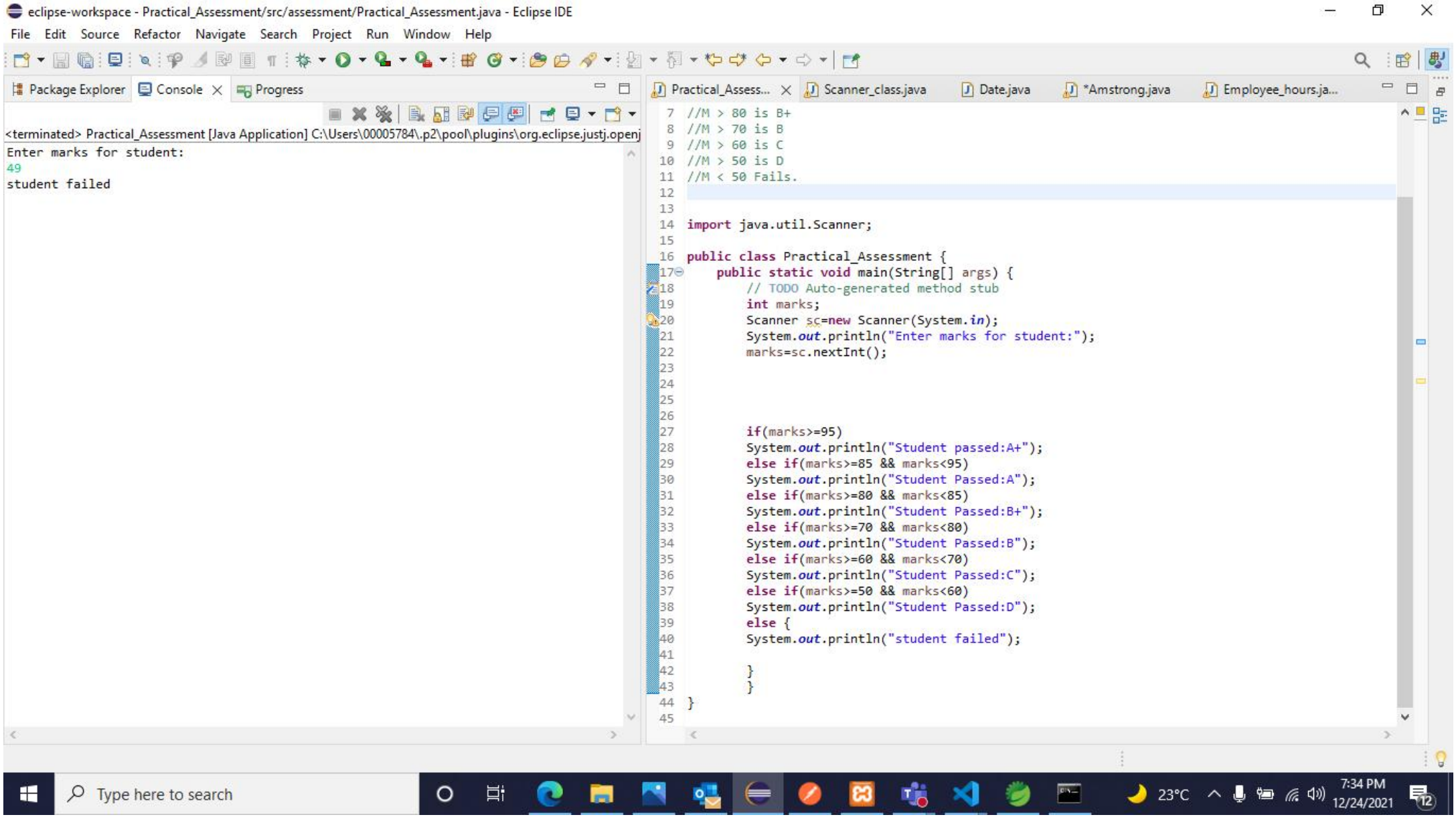
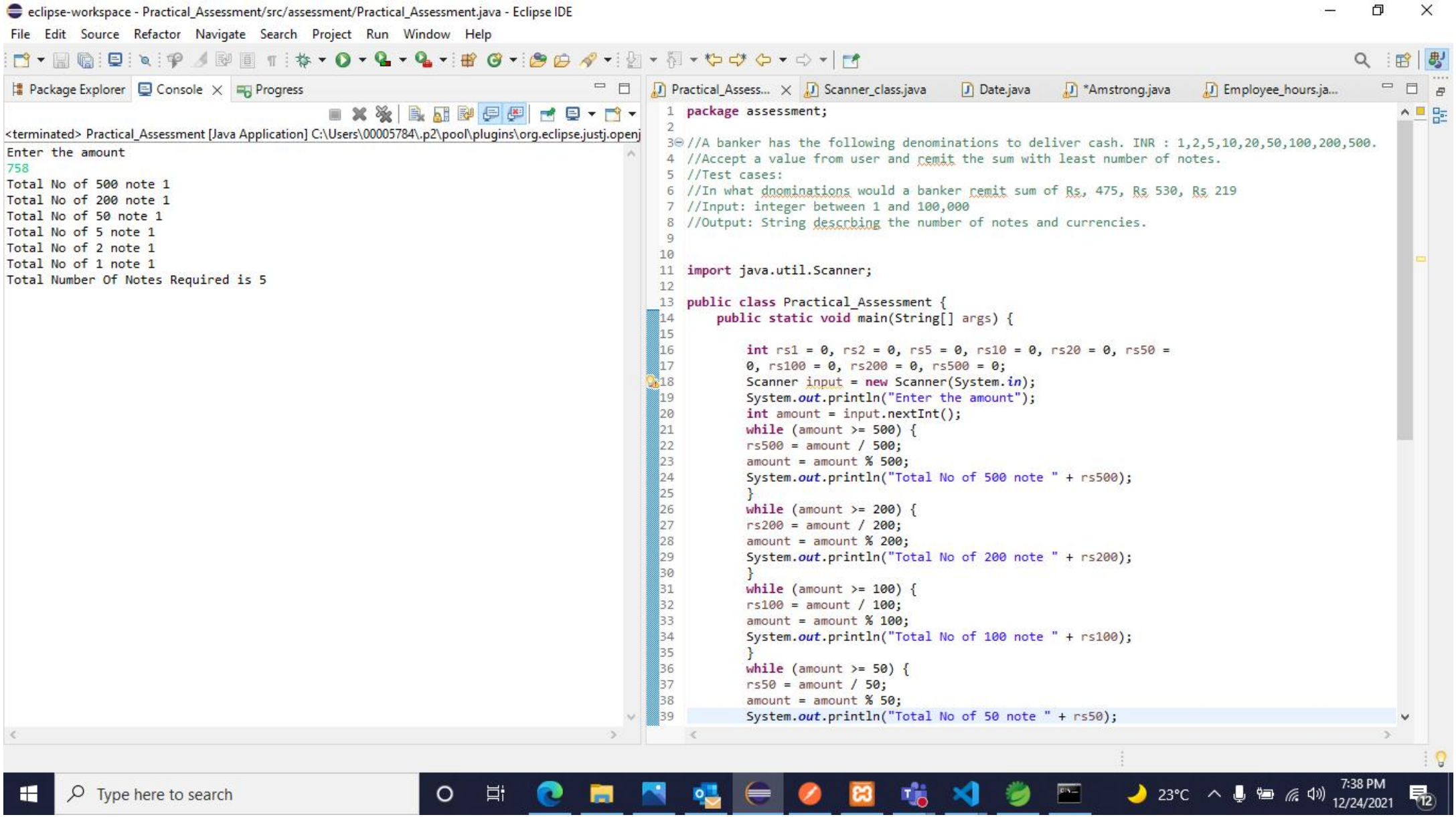
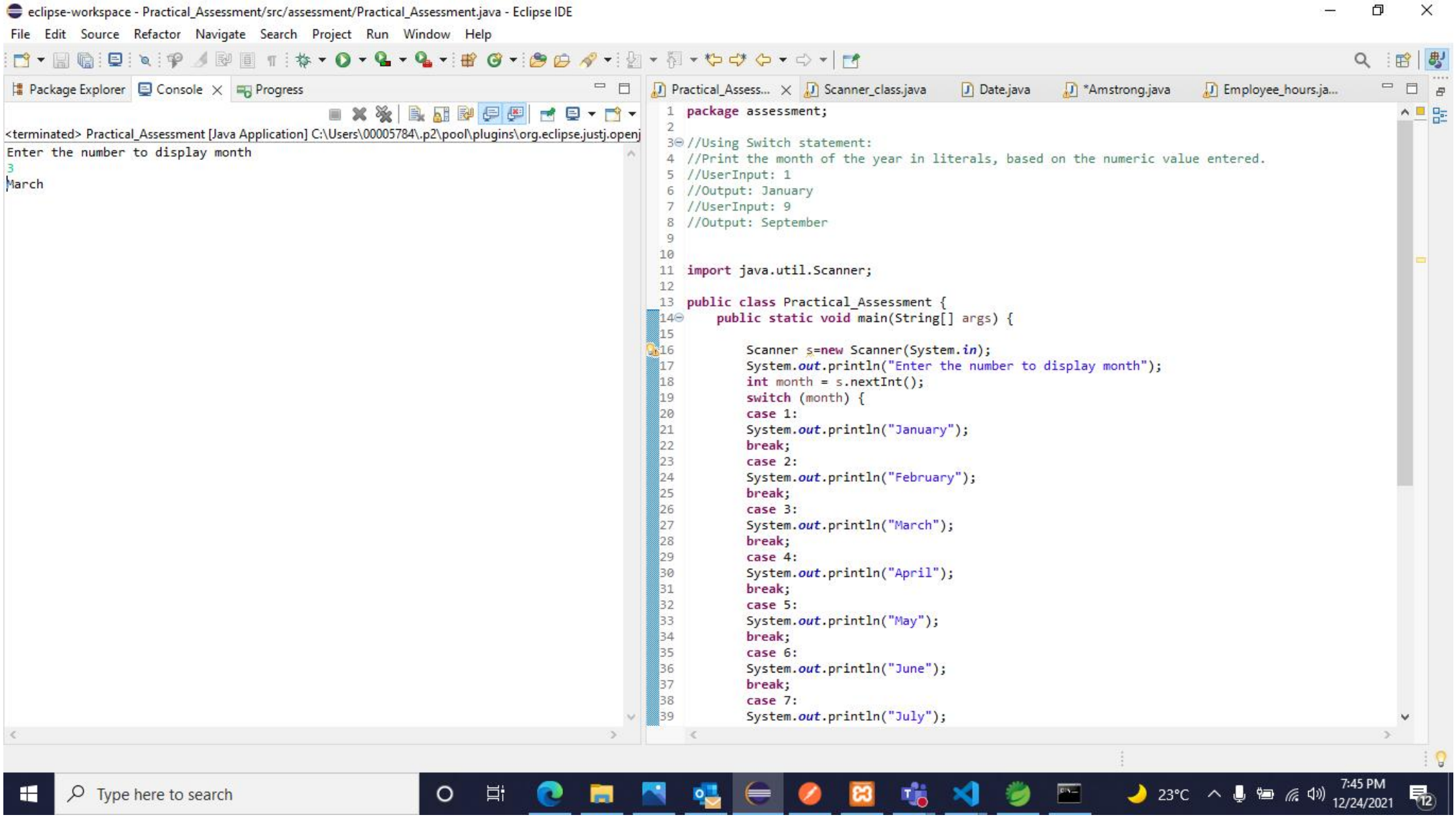
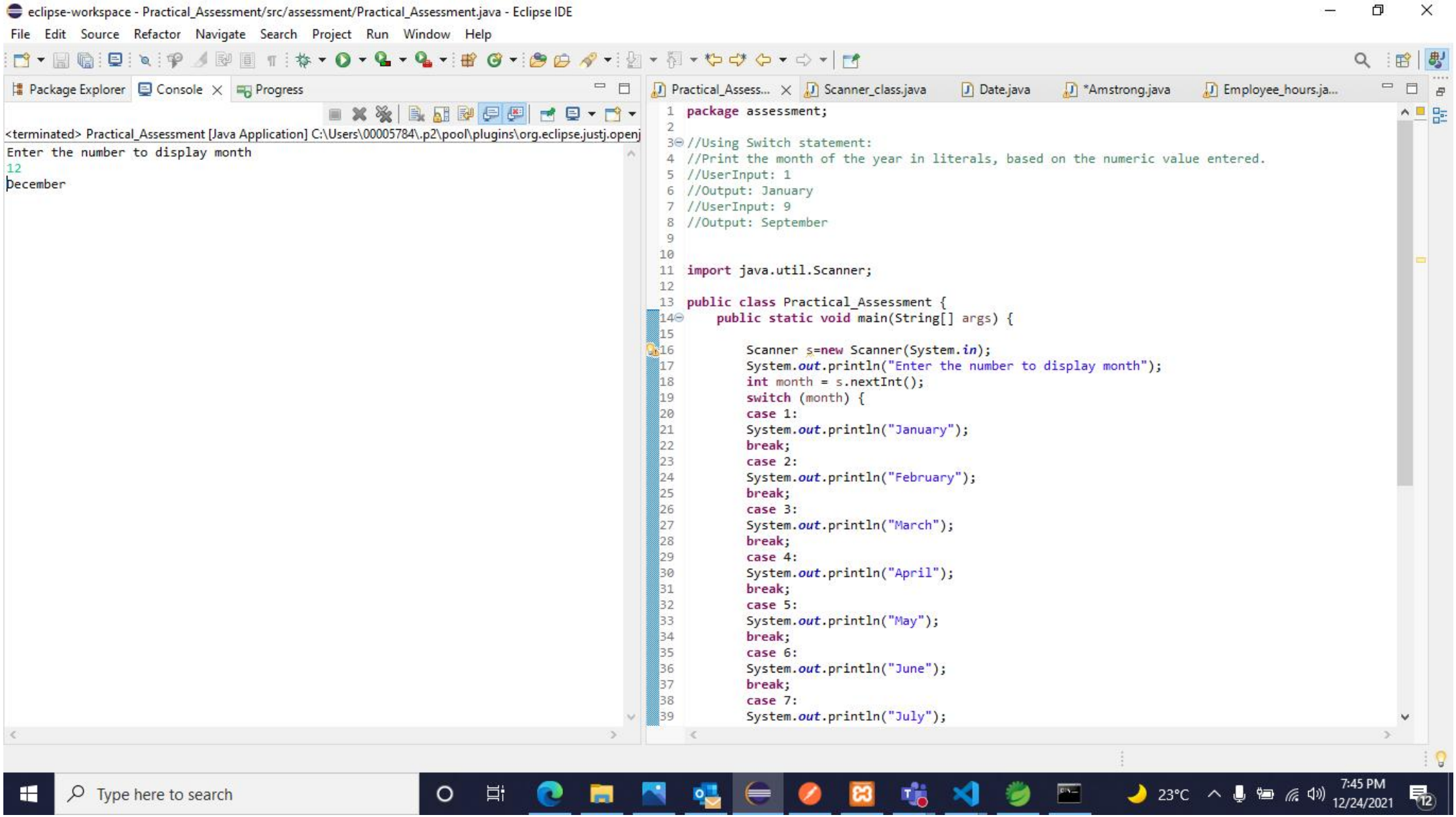
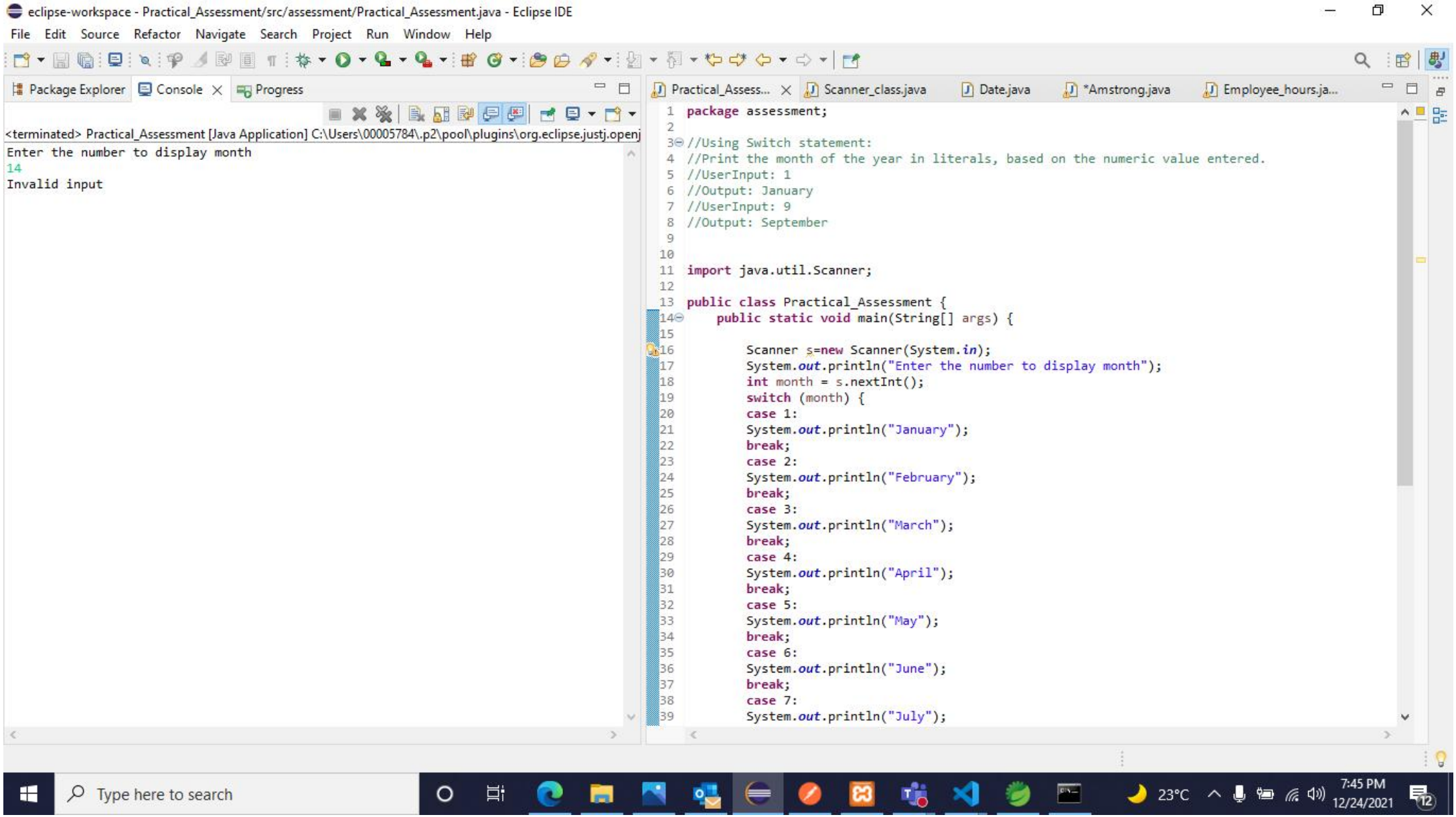
12/24/2021

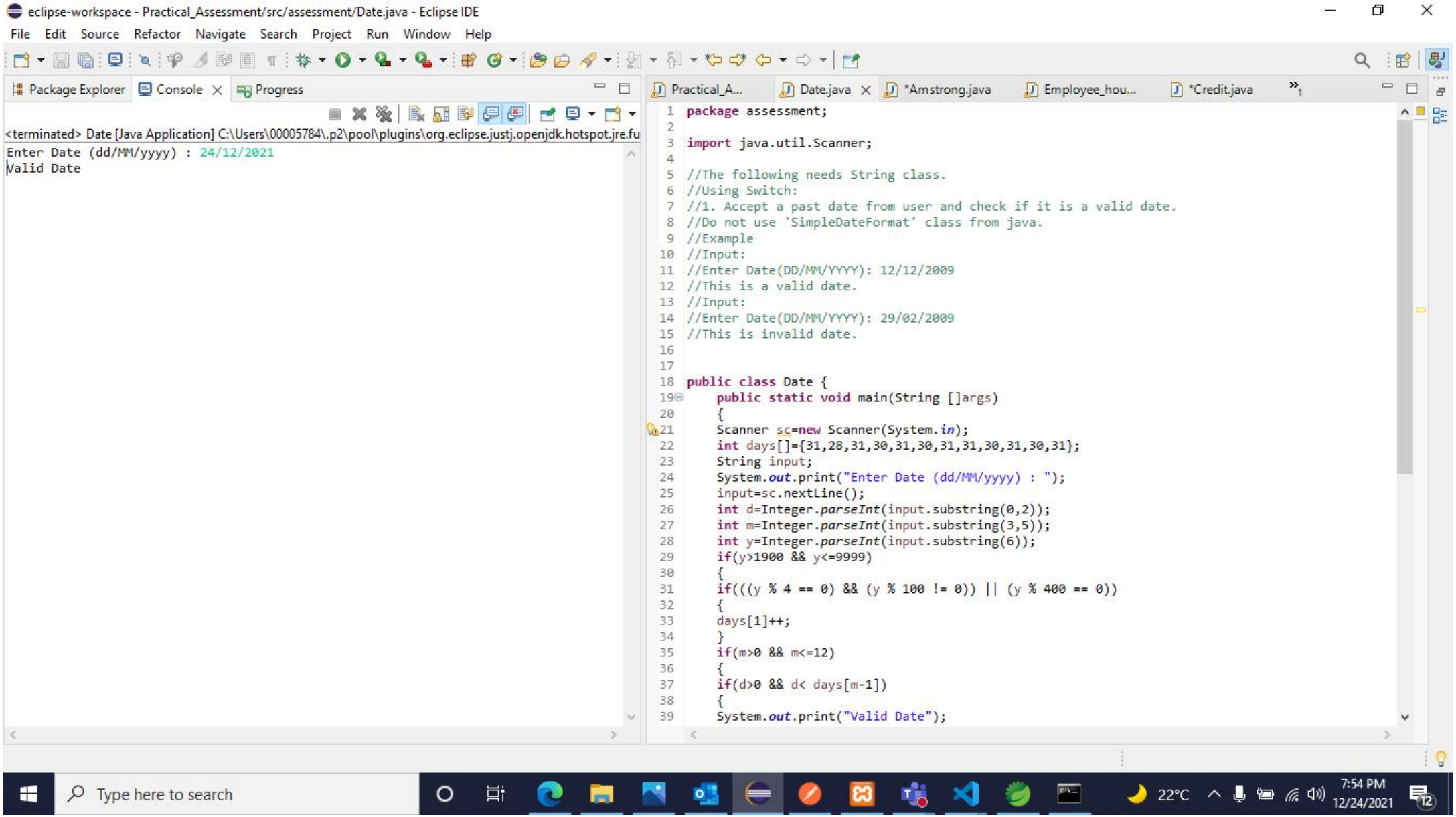

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter marks for student:
49
student failed
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
//M > 80 is B+
//M > 70 is B
//M > 60 is C
//M > 50 is D
//M < 50 Fails.
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
// TODO Auto-generated method stub
int marks;
Scanner sc=new Scanner(System.in);
System.out.println("Enter marks for student:");
marks=sc.nextInt();
if(marks>=95)
System.out.println("Student passed:A+");
else if(marks>=85 && marks<95)
System.out.println("Student Passed:A");
else if(marks>=80 && marks<85)
System.out.println("Student Passed:B+");
else if(marks>=70 && marks<80)
System.out.println("Student Passed:B");
else if(marks>=60 && marks<70)
System.out.println("Student Passed:C");
else if(marks>=50 && marks<60)
System.out.println("Student Passed:D");
else {
System.out.println("student failed");
}
}
}
Type here to search
23°C
7:34 PM
12/24/2021

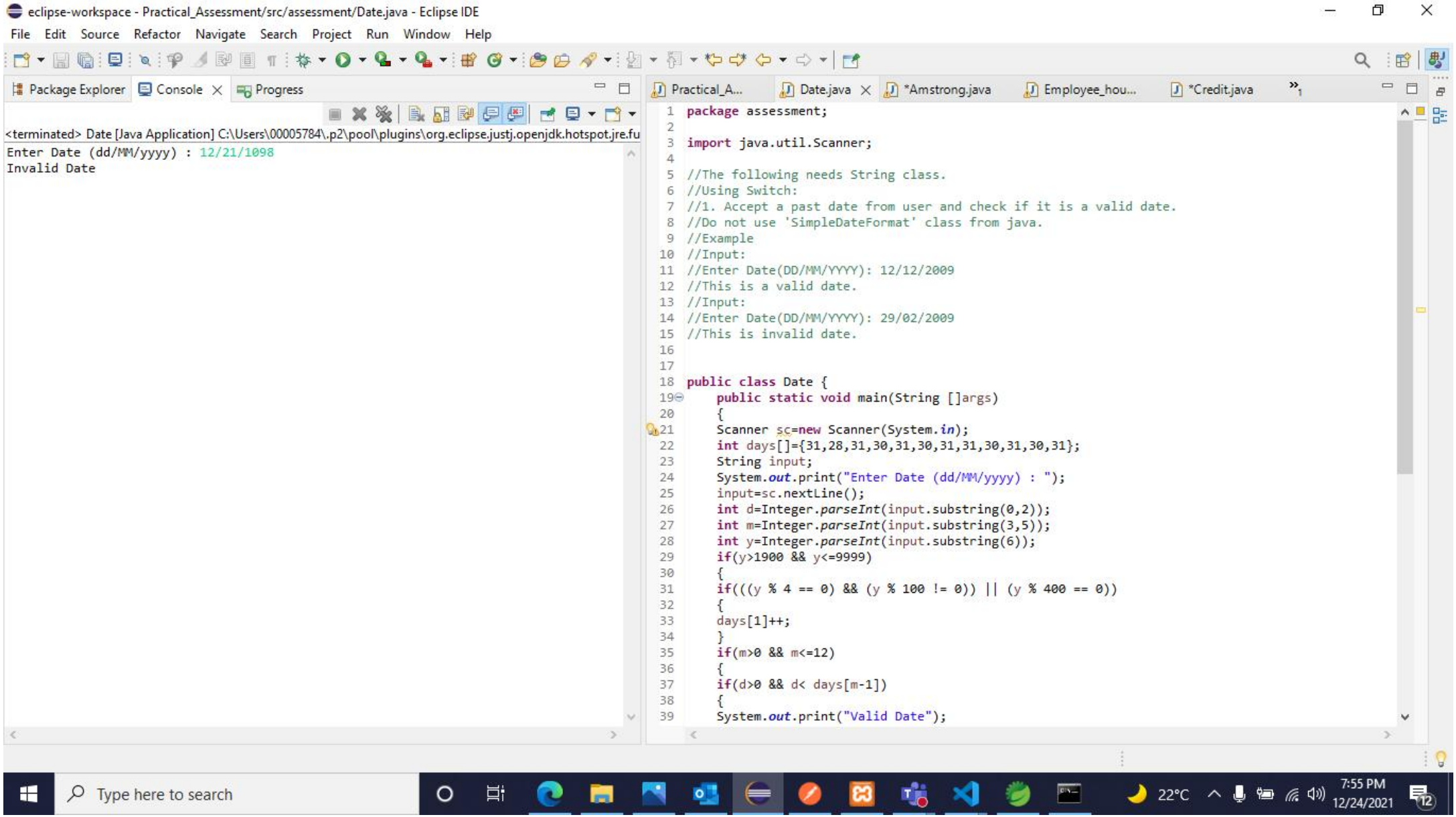

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter the amount
758
Total No of 500 note 1
Total No of 200 note 1
Total No of 50 note 1
Total No of 5 note 1
Total No of 2 note 1
Total No of 1 note 1
Total Number Of Notes Required is 5
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
1 package assessment;
2
3 //A banker has the following denominations to deliver cash. INR : 1,2,5,10,20,50,100,200,500.
4 //Accept a value from user and remit the sum with least number of notes.
5 //Test cases:
6 //In what dnominations would a banker remit sum of Rs, 475, Rs 530, Rs 219
7 //Input: integer between 1 and 100,000
8 //Output: String descrbing the number of notes and currencies.
9
10
11 import java.util.Scanner;
12
13 public class Practical_Assessment {
14 public static void main(String[] args) {
15
16 int rs1 = 0, rs2 = 0, rs5 = 0, rs10 = 0, rs20 = 0, rs50 =
17 0, rs100 = 0, rs200 = 0, rs500 = 0;
18 Scanner input = new Scanner(System.in);
19 System.out.println("Enter the amount");
20 int amount = input.nextInt();
21 while (amount >= 500) {
22 rs500 = amount / 500;
23 amount = amount % 500;
24 System.out.println("Total No of 500 note " + rs500);
25 }
26 while (amount >= 200) {
27 rs200 = amount / 200;
28 amount = amount % 200;
29 System.out.println("Total No of 200 note " + rs200);
30 }
31 while (amount >= 100) {
32 rs100 = amount / 100;
33 amount = amount % 100;
34 System.out.println("Total No of 100 note " + rs100);
35 }
36 while (amount >= 50) {
37 rs50 = amount / 50;
38 amount = amount % 50;
39 System.out.println("Total No of 50 note " + rs50);
Type here to search
23°C
7:38 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter the number to display month
3
March
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
package assessment;
//Using Switch statement:
//Print the month of the year in literals, based on the numeric value entered.
//UserInput: 1
//Output: January
//UserInput: 9
//Output: September
import java.util.Scanner;
public class Practical_Assessment {
public static void main(String[] args) {
Scanner s=new Scanner(System.in);
System.out.println("Enter the number to display month");
int month = s.nextInt();
switch (month) {
case 1:
System.out.println("January");
break;
case 2:
System.out.println("February");
break;
case 3:
System.out.println("March");
break;
case 4:
System.out.println("April");
break;
case 5:
System.out.println("May");
break;
case 6:
System.out.println("June");
break;
case 7:
System.out.println("July");
Type here to search
23°C
7:45 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter the number to display month
12
December
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
1 package assessment;
2
3 //Using Switch statement:
4 //Print the month of the year in literals, based on the numeric value entered.
5 //UserInput: 1
6 //Output: January
7 //UserInput: 9
8 //Output: September
9
10
11 import java.util.Scanner;
12
13 public class Practical_Assessment {
14 public static void main(String[] args) {
15
16 Scanner s=new Scanner(System.in);
17 System.out.println("Enter the number to display month");
18 int month = s.nextInt();
19 switch (month) {
20 case 1:
21 System.out.println("January");
22 break;
23 case 2:
24 System.out.println("February");
25 break;
26 case 3:
27 System.out.println("March");
28 break;
29 case 4:
30 System.out.println("April");
31 break;
32 case 5:
33 System.out.println("May");
34 break;
35 case 6:
36 System.out.println("June");
37 break;
38 case 7:
39 System.out.println("July");
Type here to search
23°C
7:45 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter the number to display month
14
Invalid input
Practical_Assess...
Scanner_class.java
Date.java
*Amstrong.java
Employee_hours.ja...
1 package assessment;
2
3 //Using Switch statement:
4 //Print the month of the year in literals, based on the numeric value entered.
5 //UserInput: 1
6 //Output: January
7 //UserInput: 9
8 //Output: September
9
10
11 import java.util.Scanner;
12
13 public class Practical_Assessment {
14 public static void main(String[] args) {
15
16 Scanner s=new Scanner(System.in);
17 System.out.println("Enter the number to display month");
18 int month = s.nextInt();
19 switch (month) {
20 case 1:
21 System.out.println("January");
22 break;
23 case 2:
24 System.out.println("February");
25 break;
26 case 3:
27 System.out.println("March");
28 break;
29 case 4:
30 System.out.println("April");
31 break;
32 case 5:
33 System.out.println("May");
34 break;
35 case 6:
36 System.out.println("June");
37 break;
38 case 7:
39 System.out.println("July");
Type here to search
23°C
7:45 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Date.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Date [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.fu
Enter Date (dd/MM/yyyy) : 24/12/2021
Valid Date
Practical_A...
Date.java
*Amstrong.java
Employee_hou...
*Credit.java
1 package assessment;
2
3 import java.util.Scanner;
4
5 //The following needs String class.
6 //Using Switch:
7 //1. Accept a past date from user and check if it is a valid date.
8 //Do not use 'SimpleDateFormat' class from java.
9 //Example
10 //Input:
11 //Enter Date(DD/MM/YYYY): 12/12/2009
12 //This is a valid date.
13 //Input:
14 //Enter Date(DD/MM/YYYY): 29/02/2009
15 //This is invalid date.
16
17
18 public class Date {
19 public static void main(String []args)
20 {
21 Scanner sc=new Scanner(System.in);
22 int days[]={31,28,31,30,31,30,31,31,30,31,30,31};
23 String input;
24 System.out.print("Enter Date (dd/MM/yyyy) : ");
25 input=sc.nextLine();
26 int d=Integer.parseInt(input.substring(0,2));
27 int m=Integer.parseInt(input.substring(3,5));
28 int y=Integer.parseInt(input.substring(6));
29 if(y>1900 && y<=9999)
30 {
31 if(((y % 4 == 0) && (y % 100 != 0)) || (y % 400 == 0))
32 {
33 days[1]++;
34 }
35 if(m>0 && m<=12)
36 {
37 if(d>0 && d< days[m-1])
38 {
39 System.out.print("Valid Date");
Type here to search
22°C
7:54 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Date.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Date [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.fu
Enter Date (dd/MM/yyyy) : 12/21/1098
Invalid Date
Practical_A...
Date.java
*Amstrong.java
Employee_hou...
*Credit.java
1 package assessment;
2
3 import java.util.Scanner;
4
5 //The following needs String class.
6 //Using Switch:
7 //1. Accept a past date from user and check if it is a valid date.
8 //Do not use 'SimpleDateFormat' class from java.
9 //Example
10 //Input:
11 //Enter Date(DD/MM/YYYY): 12/12/2009
12 //This is a valid date.
13 //Input:
14 //Enter Date(DD/MM/YYYY): 29/02/2009
15 //This is invalid date.
16
17
18 public class Date {
19 public static void main(String []args)
20 {
21 Scanner sc=new Scanner(System.in);
22 int days[]={31,28,31,30,31,30,31,31,30,31,30,31};
23 String input;
24 System.out.print("Enter Date (dd/MM/yyyy) : ");
25 input=sc.nextLine();
26 int d=Integer.parseInt(input.substring(0,2));
27 int m=Integer.parseInt(input.substring(3,5));
28 int y=Integer.parseInt(input.substring(6));
29 if(y>1900 && y<=9999)
30 {
31 if(((y % 4 == 0) && (y % 100 != 0)) || (y % 400 == 0))
32 {
33 days[1]++;
34 }
35 if(m>0 && m<=12)
36 {
37 if(d>0 && d< days[m-1])
38 {
39 System.out.print("Valid Date");
Type here to search
22°C
7:55 PM
12/24/2021

*Amstrong.java

```java
package assessment;

import java.util.Scanner;


//1. Can there be return type for a constructor?
//Ans: No

//2. Can we define a non default constructor without define default constructor
//Ans : Yes
```

Type here to search

22°C

7:58 PM
12/24/2021

*Amstrong.java

```
4
5
6  //what is wrong with this?
7  //for (int i = 1; i <= 1000; i++) {
8  // int sum = 0;
9  // sum = sum + i;
10 //}
11 //System.out.println("The sum is " + sum);
12 //
13 //
14 // Ans : sum cannot be accessed outside the for loop because it is initialised inside the
15 //  for loop
16
17
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44
45
46
47
```

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22°C

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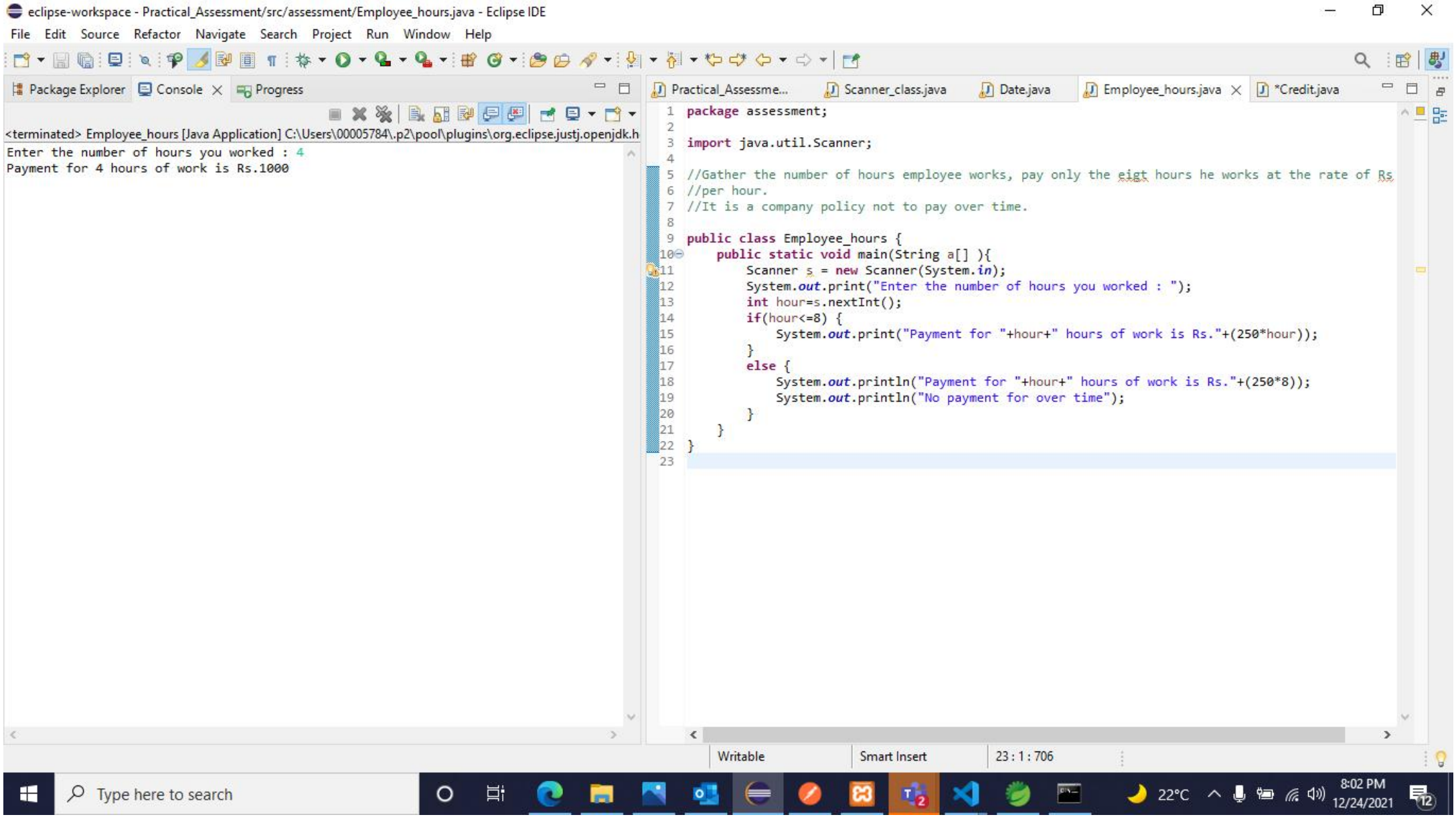
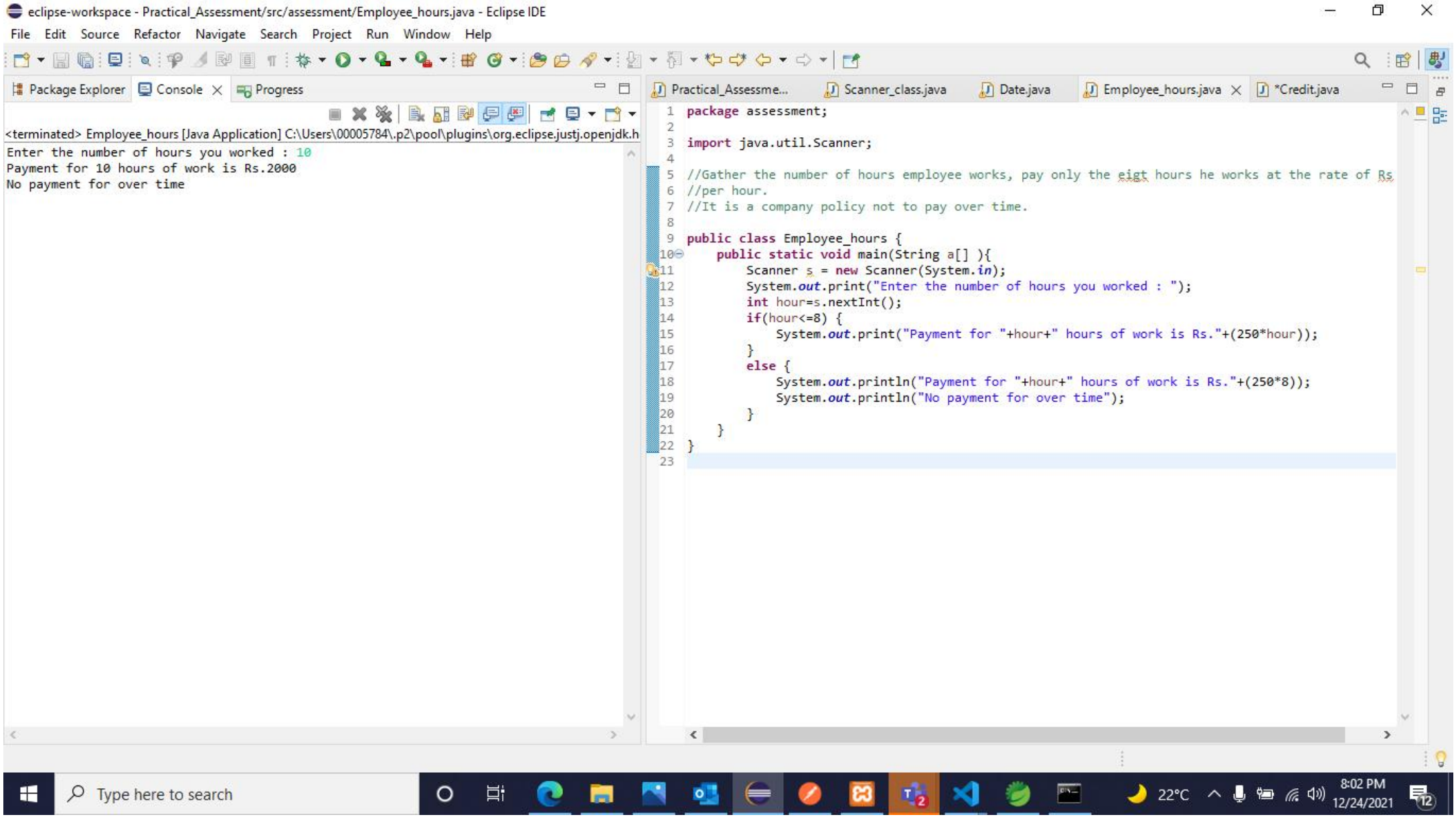
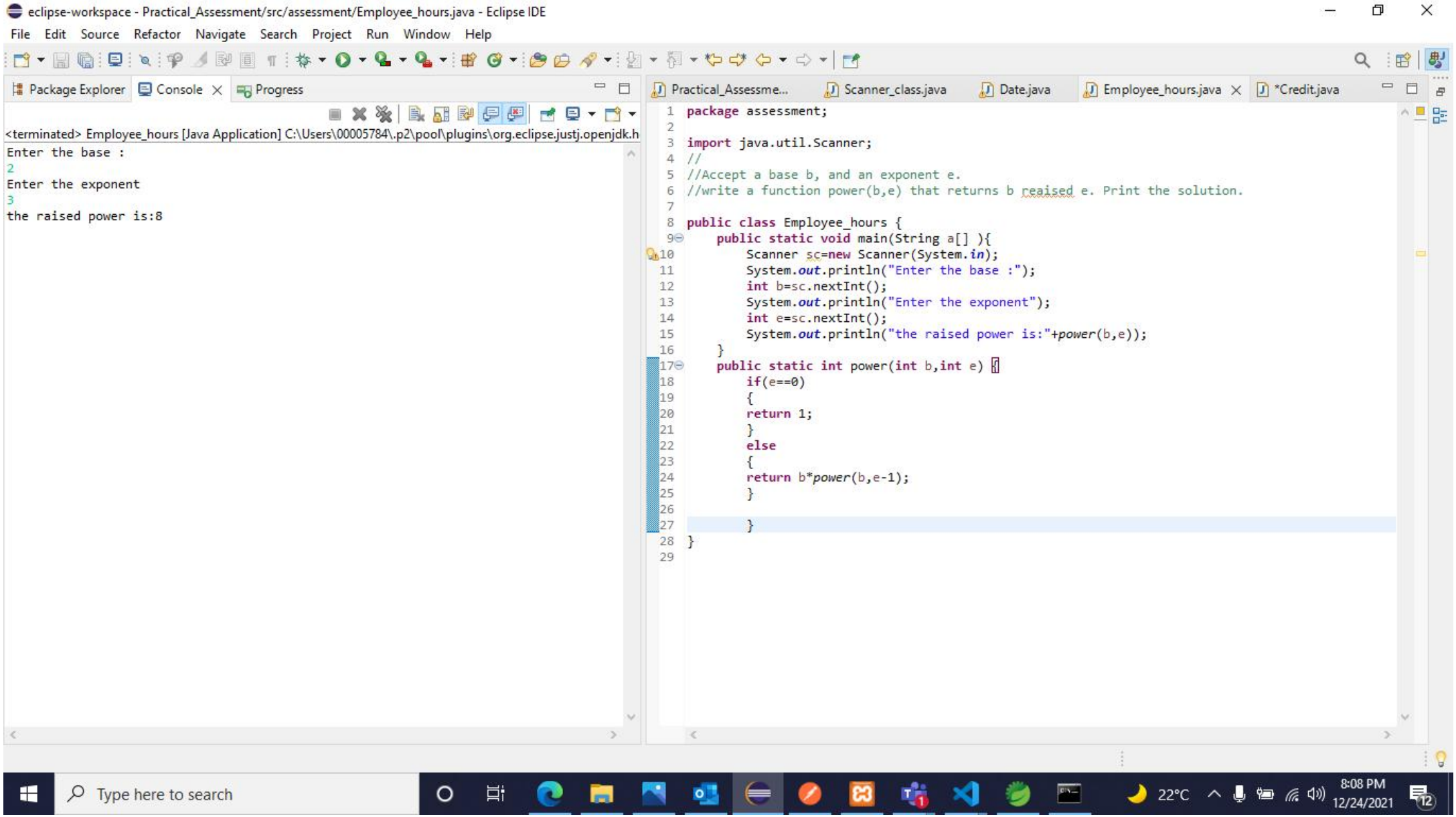
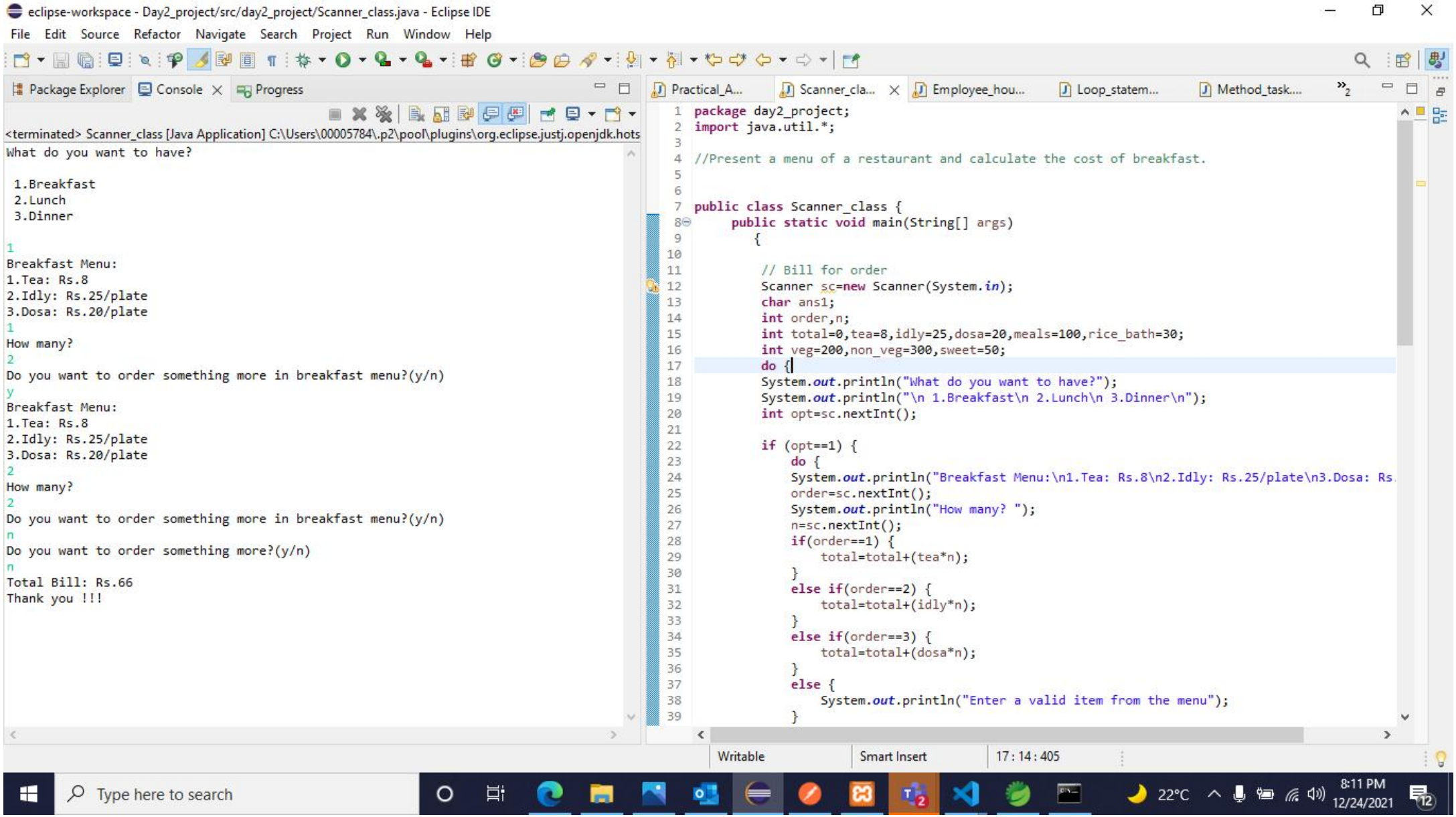
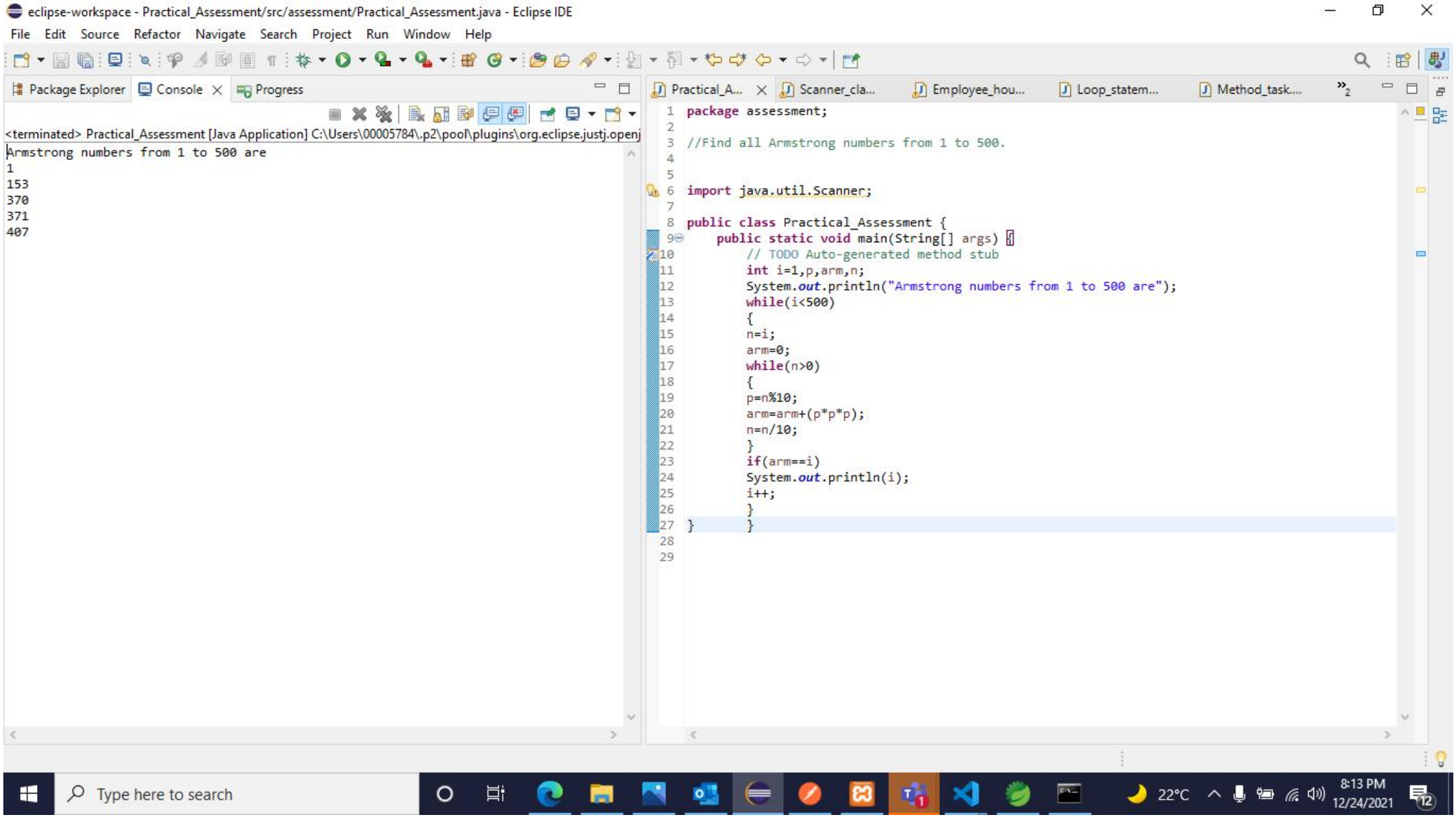
12/24/2021

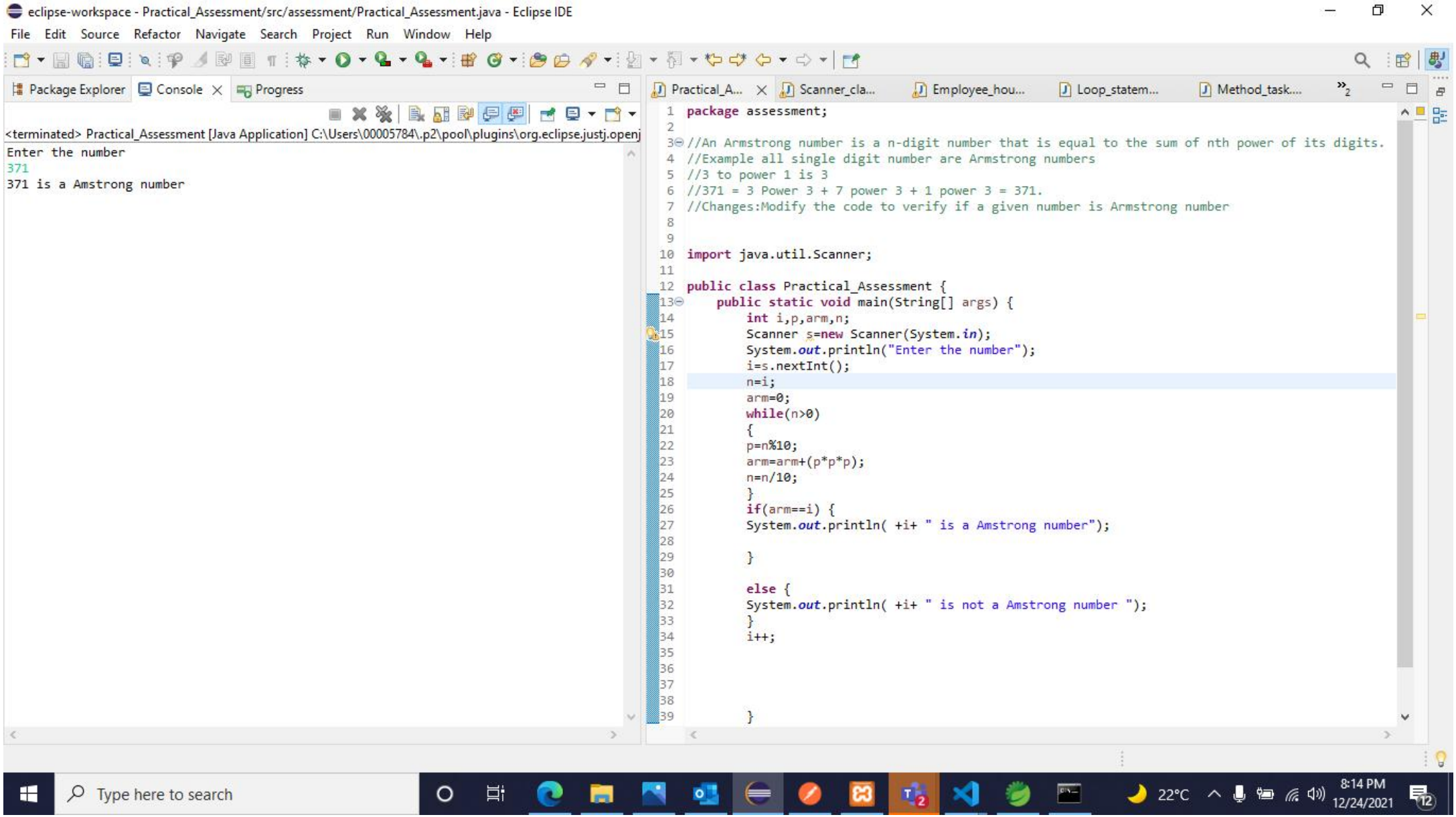

eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
Enter the number of hours you worked : 4
Payment for 4 hours of work is Rs.1000
Practical_Assessme...
Scanner_class.java
Date.java
Employee_hours.java
*Credit.java
1 package assessment;
2
3 import java.util.Scanner;
4
5 //Gather the number of hours employee works, pay only the eigt hours he works at the rate of Rs
6 //per hour.
7 //It is a company policy not to pay over time.
8
9 public class Employee_hours {
10 public static void main(String a[]){
11 Scanner s = new Scanner(System.in);
12 System.out.print("Enter the number of hours you worked : ");
13 int hour=s.nextInt();
14 if(hour<=8) {
15 System.out.print("Payment for "+hour+" hours of work is Rs."+(250*hour));
16 }
17 else {
18 System.out.println("Payment for "+hour+" hours of work is Rs."+(250*8));
19 System.out.println("No payment for over time");
20 }
21 }
22 }
23
Writable
Smart Insert
23 : 1 : 706
Type here to search
22°C
8:02 PM
12/24/2021

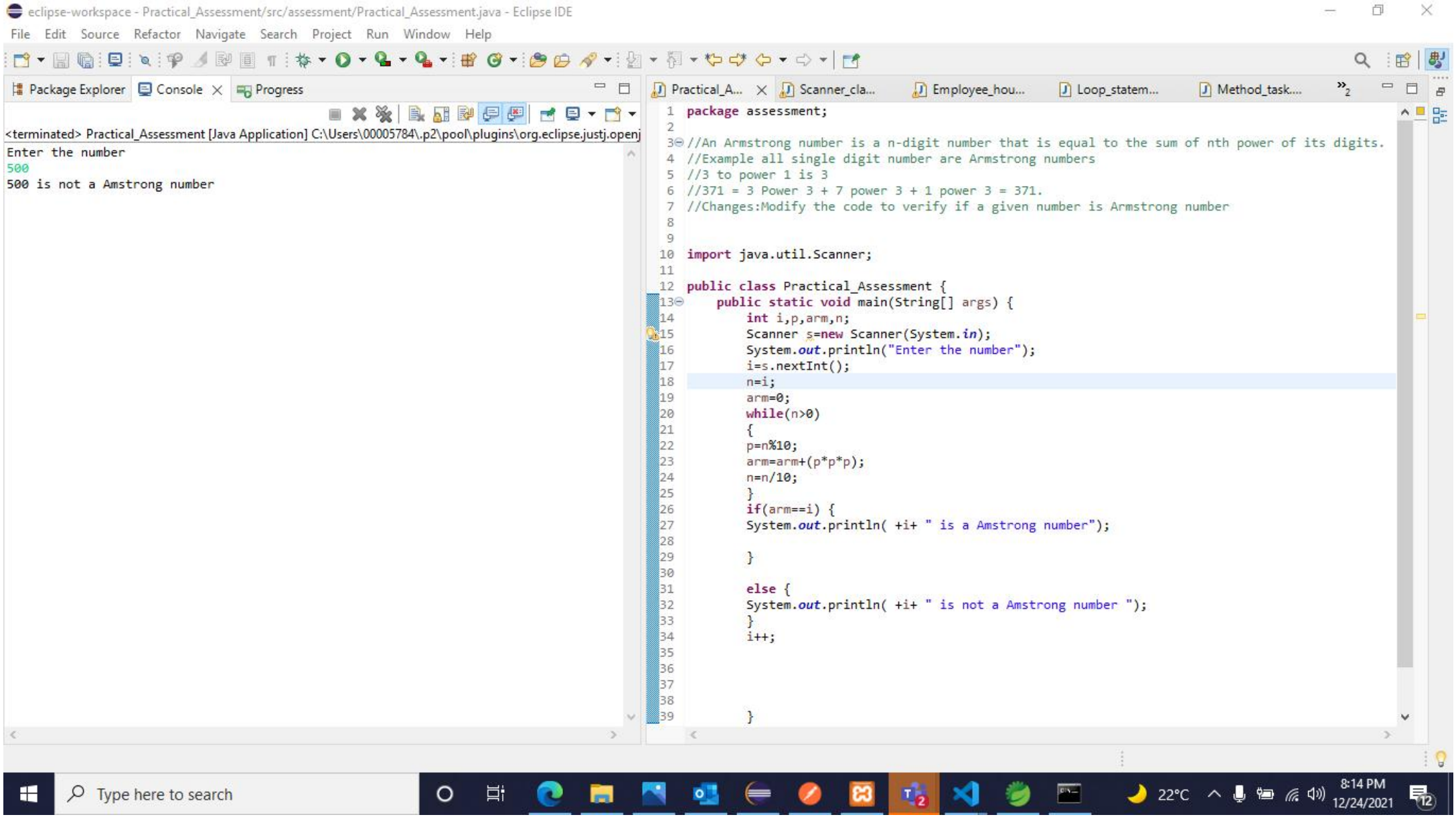

eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
Enter the number of hours you worked : 10
Payment for 10 hours of work is Rs.2000
No payment for over time
Practical_Assessme...
Scanner_class.java
Date.java
Employee_hours.java
*Credit.java
1 package assessment;
2
3 import java.util.Scanner;
4
5 //Gather the number of hours employee works, pay only the eigt hours he works at the rate of Rs
6 //per hour.
7 //It is a company policy not to pay over time.
8
9 public class Employee_hours {
10 public static void main(String a[]){
11 Scanner s = new Scanner(System.in);
12 System.out.print("Enter the number of hours you worked : ");
13 int hour=s.nextInt();
14 if(hour<=8) {
15 System.out.print("Payment for "+hour+" hours of work is Rs."+(250*hour));
16 }
17 else {
18 System.out.println("Payment for "+hour+" hours of work is Rs."+(250*8));
19 System.out.println("No payment for over time");
20 }
21 }
22 }
23
Type here to search
22°C
8:02 PM
12/24/2021

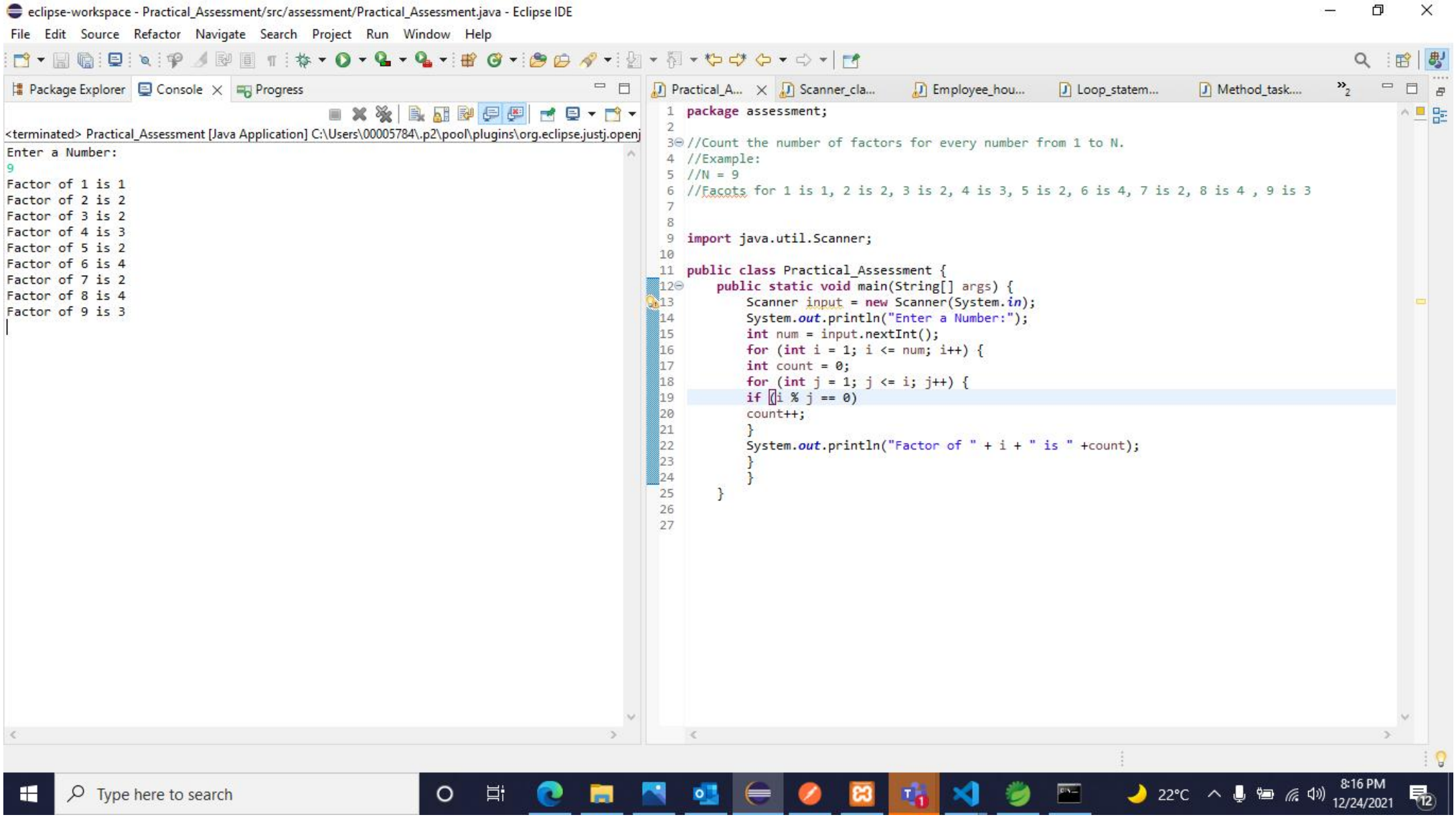

eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
Enter the base :
2
Enter the exponent
3
the raised power is:8
Practical_Assessme...
Scanner_class.java
Date.java
Employee_hours.java
*Credit.java
1 package assessment;
2
3 import java.util.Scanner;
4 //
5 //Accept a base b, and an exponent e.
6 //write a function power(b,e) that returns b reaised e. Print the solution.
7
8 public class Employee_hours {
9 public static void main(String a[]){
10 Scanner sc=new Scanner(System.in);
11 System.out.println("Enter the base :");
12 int b=sc.nextInt();
13 System.out.println("Enter the exponent");
14 int e=sc.nextInt();
15 System.out.println("the raised power is:"+power(b,e));
16 }
17 public static int power(int b,int e) {
18 if(e==0)
19 {
20 return 1;
21 }
22 else
23 {
24 return b*power(b,e-1);
25 }
26
27 }
28 }
29
Type here to search
22°C
8:08 PM
12/24/2021

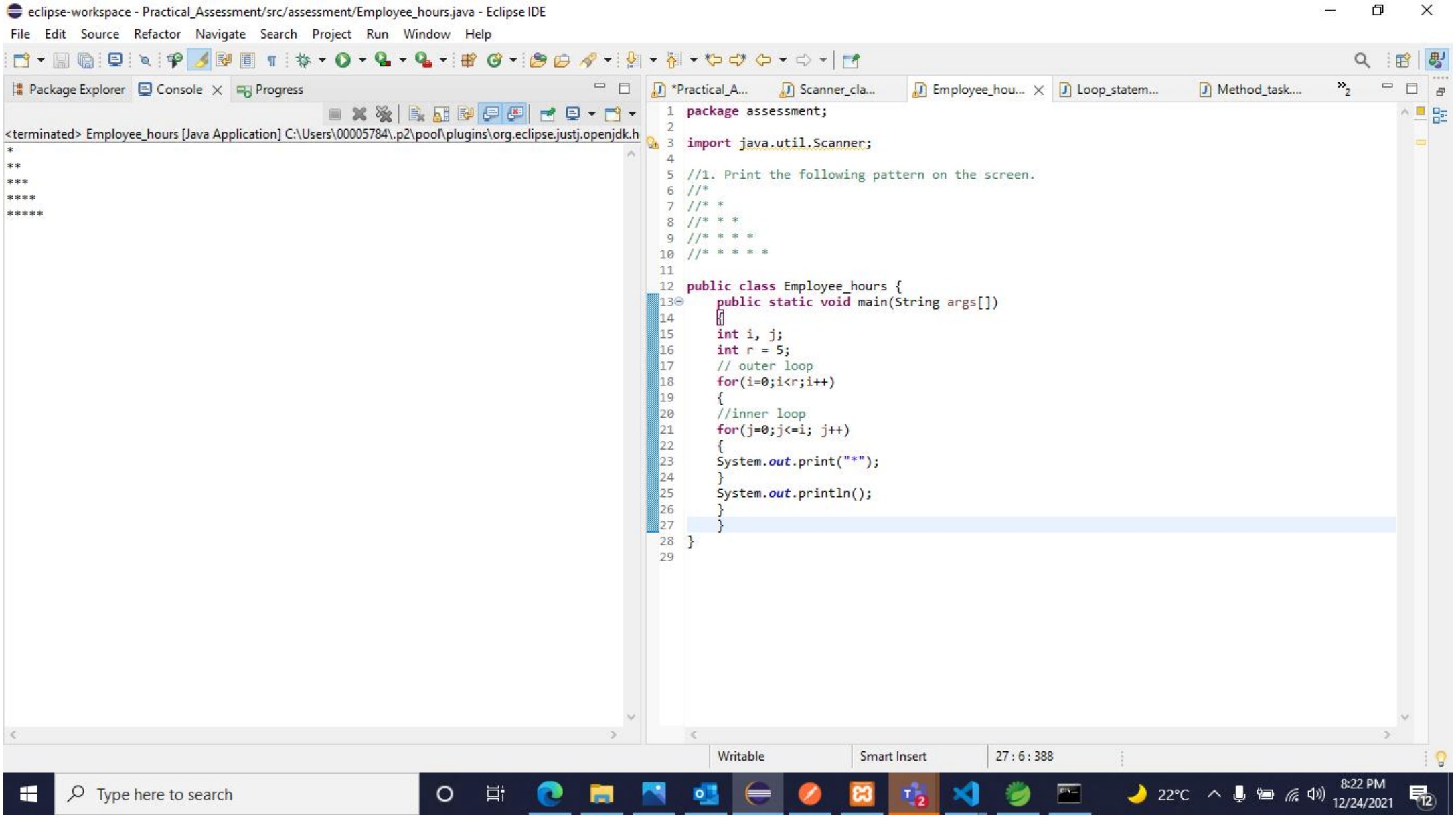

eclipse-workspace - Day2_project/src/day2_project/Scanner_class.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Scanner_class [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.hots
What do you want to have?
1.Breakfast
2.Lunch
3.Dinner
1
Breakfast Menu:
1.Tea: Rs.8
2.Idly: Rs.25/plate
3.Dosa: Rs.20/plate
1
How many?
2
Do you want to order something more in breakfast menu?(y/n)
y
Breakfast Menu:
1.Tea: Rs.8
2.Idly: Rs.25/plate
3.Dosa: Rs.20/plate
2
How many?
2
Do you want to order something more in breakfast menu?(y/n)
n
Do you want to order something more?(y/n)
n
Total Bill: Rs.66
Thank you !!!
Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package day2_project;
2 import java.util.*;
3
4 //Present a menu of a restaurant and calculate the cost of breakfast.
5
6
7 public class Scanner_class {
8 public static void main(String[] args)
9 {
10
11 // Bill for order
12 Scanner sc=new Scanner(System.in);
13 char ans1;
14 int order,n;
15 int total=0,tea=8,idly=25,dosa=20,meals=100,rice_bath=30;
16 int veg=200,non_veg=300,sweet=50;
17 do {
18 System.out.println("What do you want to have?");
19 System.out.println("\n 1.Breakfast\n 2.Lunch\n 3.Dinner\n");
20 int opt=sc.nextInt();
21
22 if (opt==1) {
23 do {
24 System.out.println("Breakfast Menu:\n1.Tea: Rs.8\n2.Idly: Rs.25/plate\n3.Dosa: Rs.
25 order=sc.nextInt();
26 System.out.println("How many? ");
27 n=sc.nextInt();
28 if(order==1) {
29 total=total+(tea*n);
30 }
31 else if(order==2) {
32 total=total+(idly*n);
33 }
34 else if(order==3) {
35 total=total+(dosa*n);
36 }
37 else {
38 System.out.println("Enter a valid item from the menu");
39 }
Writable
Smart Insert
17 : 14 : 405
Type here to search
22°C
8:11 PM
12/24/2021

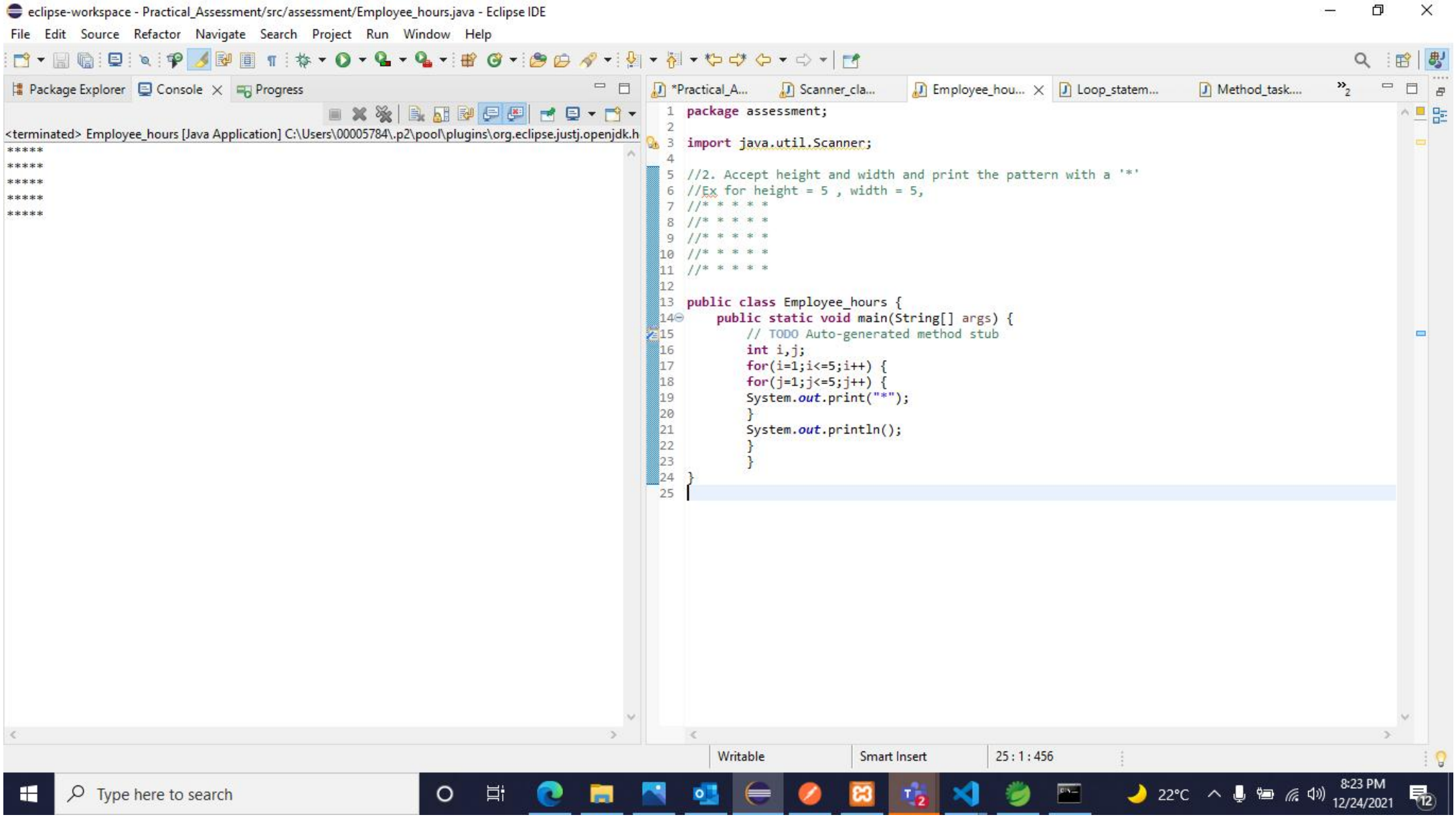

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Armstrong numbers from 1 to 500 are
1
153
370
371
407
Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 //Find all Armstrong numbers from 1 to 500.
4
5
6 import java.util.Scanner;
7
8 public class Practical_Assessment {
9 public static void main(String[] args) {
10 // TODO Auto-generated method stub
11 int i=1,p,arm,n;
12 System.out.println("Armstrong numbers from 1 to 500 are");
13 while(i<500)
14 {
15 n=i;
16 arm=0;
17 while(n>0)
18 {
19 p=n%10;
20 arm=arm+(p*p*p);
21 n=n/10;
22 }
23 if(arm==i)
24 System.out.println(i);
25 i++;
26 }
27 }
28
29
Type here to search
22°C
8:13 PM
12/24/2021

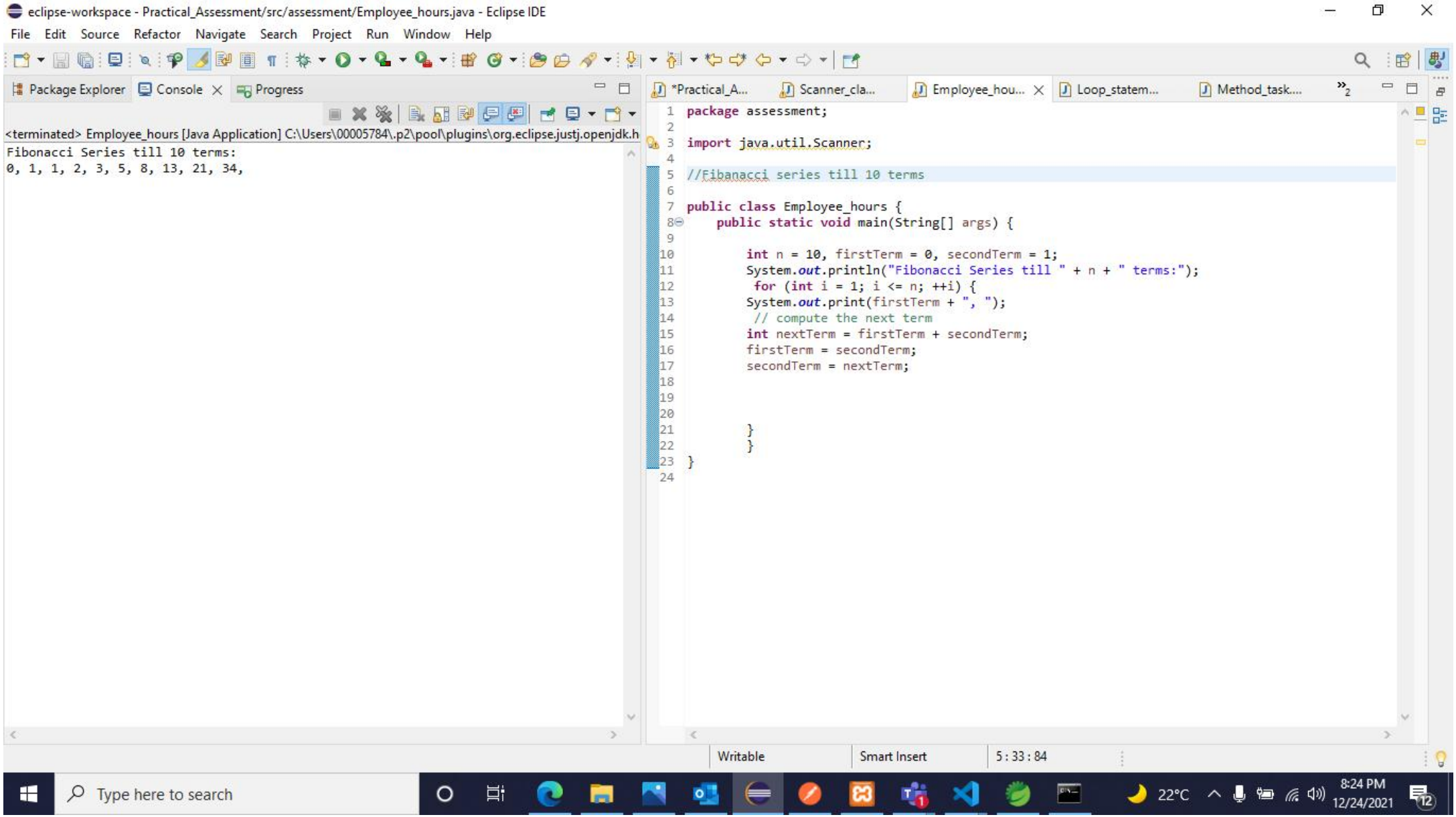

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter the number
371
371 is a Amstrong number
Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 //An Armstrong number is a n-digit number that is equal to the sum of nth power of its digits.
4 //Example all single digit number are Armstrong numbers
5 //3 to power 1 is 3
6 //371 = 3 Power 3 + 7 power 3 + 1 power 3 = 371.
7 //Changes:Modify the code to verify if a given number is Armstrong number
8
9
10 import java.util.Scanner;
11
12 public class Practical_Assessment {
13 public static void main(String[] args) {
14 int i,p,arm,n;
15 Scanner s=new Scanner(System.in);
16 System.out.println("Enter the number");
17 i=s.nextInt();
18 n=i;
19 arm=0;
20 while(n>0)
21 {
22 p=n%10;
23 arm=arm+(p*p*p);
24 n=n/10;
25 }
26 if(arm==i) {
27 System.out.println(+i+ " is a Amstrong number");
28
29 }
30
31 else {
32 System.out.println(+i+ " is not a Amstrong number ");
33 }
34 i++;
35
36
37
38
39 }
Type here to search
22°C
8:14 PM
12/24/2021

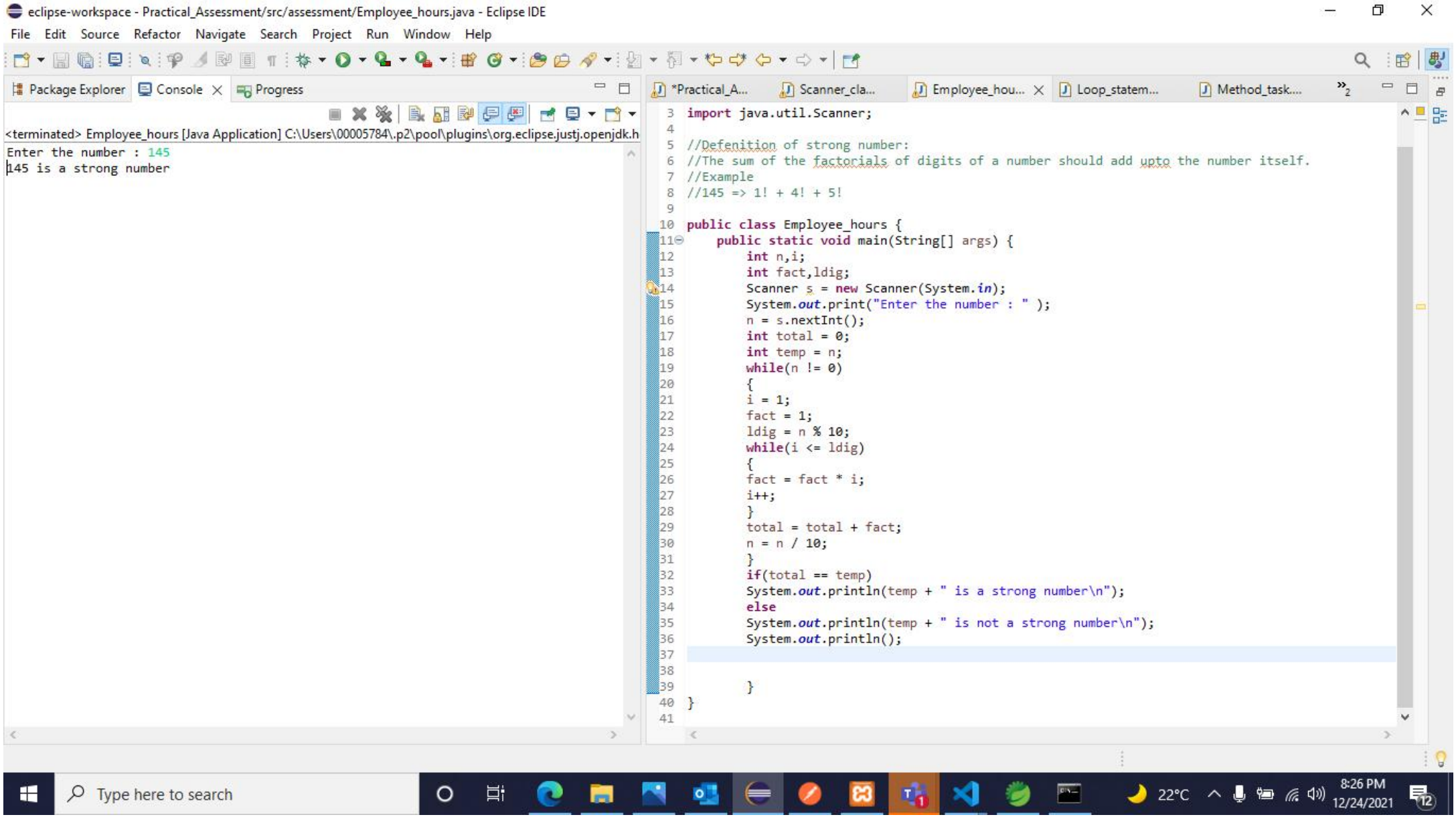

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter the number
500
500 is not a Amstrong number
Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 //An Armstrong number is a n-digit number that is equal to the sum of nth power of its digits.
4 //Example all single digit number are Armstrong numbers
5 //3 to power 1 is 3
6 //371 = 3 Power 3 + 7 power 3 + 1 power 3 = 371.
7 //Changes:Modify the code to verify if a given number is Armstrong number
8
9
10 import java.util.Scanner;
11
12 public class Practical_Assessment {
13 public static void main(String[] args) {
14 int i,p,arm,n;
15 Scanner s=new Scanner(System.in);
16 System.out.println("Enter the number");
17 i=s.nextInt();
18 n=i;
19 arm=0;
20 while(n>0)
21 {
22 p=n%10;
23 arm=arm+(p*p*p);
24 n=n/10;
25 }
26 if(arm==i) {
27 System.out.println(+i+ " is a Amstrong number");
28
29 }
30
31 else {
32 System.out.println(+i+ " is not a Amstrong number ");
33 }
34 i++;
35
36
37
38
39 }
Type here to search
22°C
8:14 PM
12/24/2021

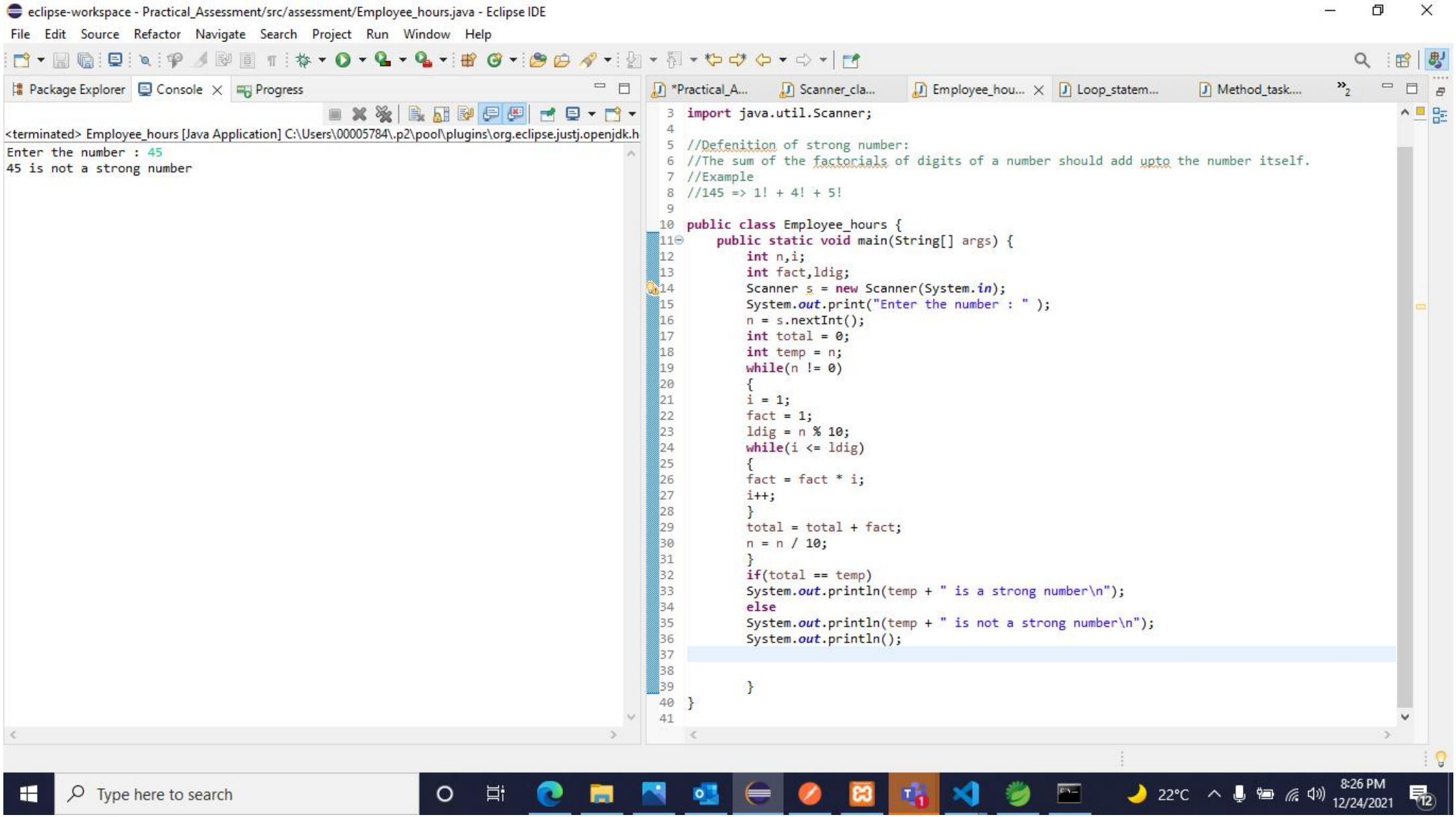

eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
Enter a Number:
9
Factor of 1 is 1
Factor of 2 is 2
Factor of 3 is 2
Factor of 4 is 3
Factor of 5 is 2
Factor of 6 is 4
Factor of 7 is 2
Factor of 8 is 4
Factor of 9 is 3
Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 //Count the number of factors for every number from 1 to N.
4 //Example:
5 //N = 9
6 //Facots for 1 is 1, 2 is 2, 3 is 2, 4 is 3, 5 is 2, 6 is 4, 7 is 2, 8 is 4 , 9 is 3
7
8
9 import java.util.Scanner;
10
11 public class Practical_Assessment {
12 public static void main(String[] args) {
13 Scanner input = new Scanner(System.in);
14 System.out.println("Enter a Number:");
15 int num = input.nextInt();
16 for (int i = 1; i <= num; i++) {
17 int count = 0;
18 for (int j = 1; j <= i; j++) {
19 if (i % j == 0)
20 count++;
21 }
22 System.out.println("Factor of " + i + " is " +count);
23 }
24 }
25 }
26
27
Type here to search
22°C
8:16 PM
12/24/2021

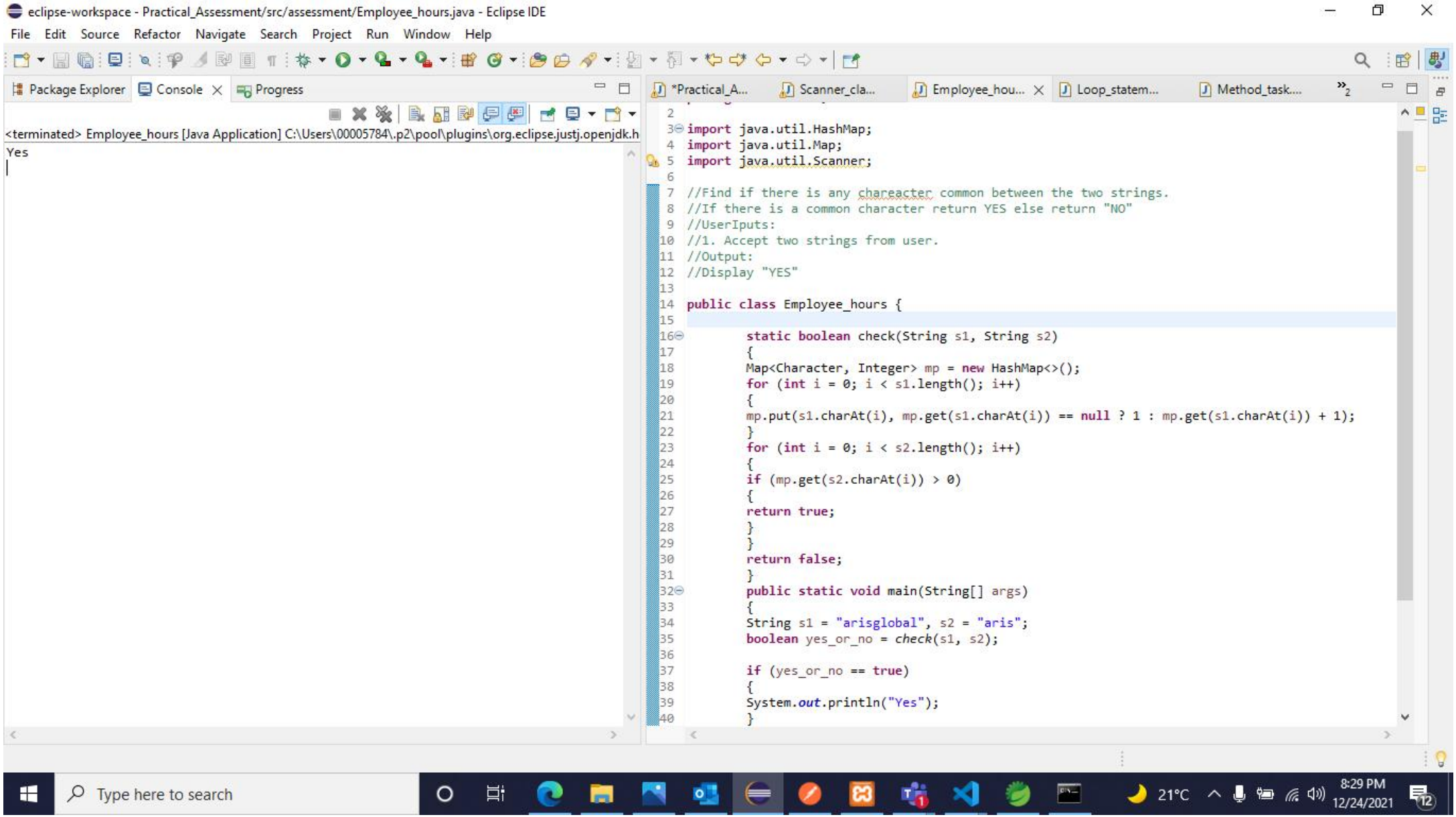

eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
*
**
***
****
*****
*Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 import java.util.Scanner;
4
5 //1. Print the following pattern on the screen.
6 //*
7 //* *
8 //* * *
9 //* * * *
10 //* * * * *
11
12 public class Employee_hours {
13 public static void main(String args[])
14 {
15 int i, j;
16 int r = 5;
17 // outer loop
18 for(i=0;i<r;i++)
19 {
20 //inner loop
21 for(j=0;j<=i; j++)
22 {
23 System.out.print("*");
24 }
25 System.out.println();
26 }
27 }
28 }
29
Writable
Smart Insert
27 : 6 : 388
Type here to search
22°C
8:22 PM
12/24/2021

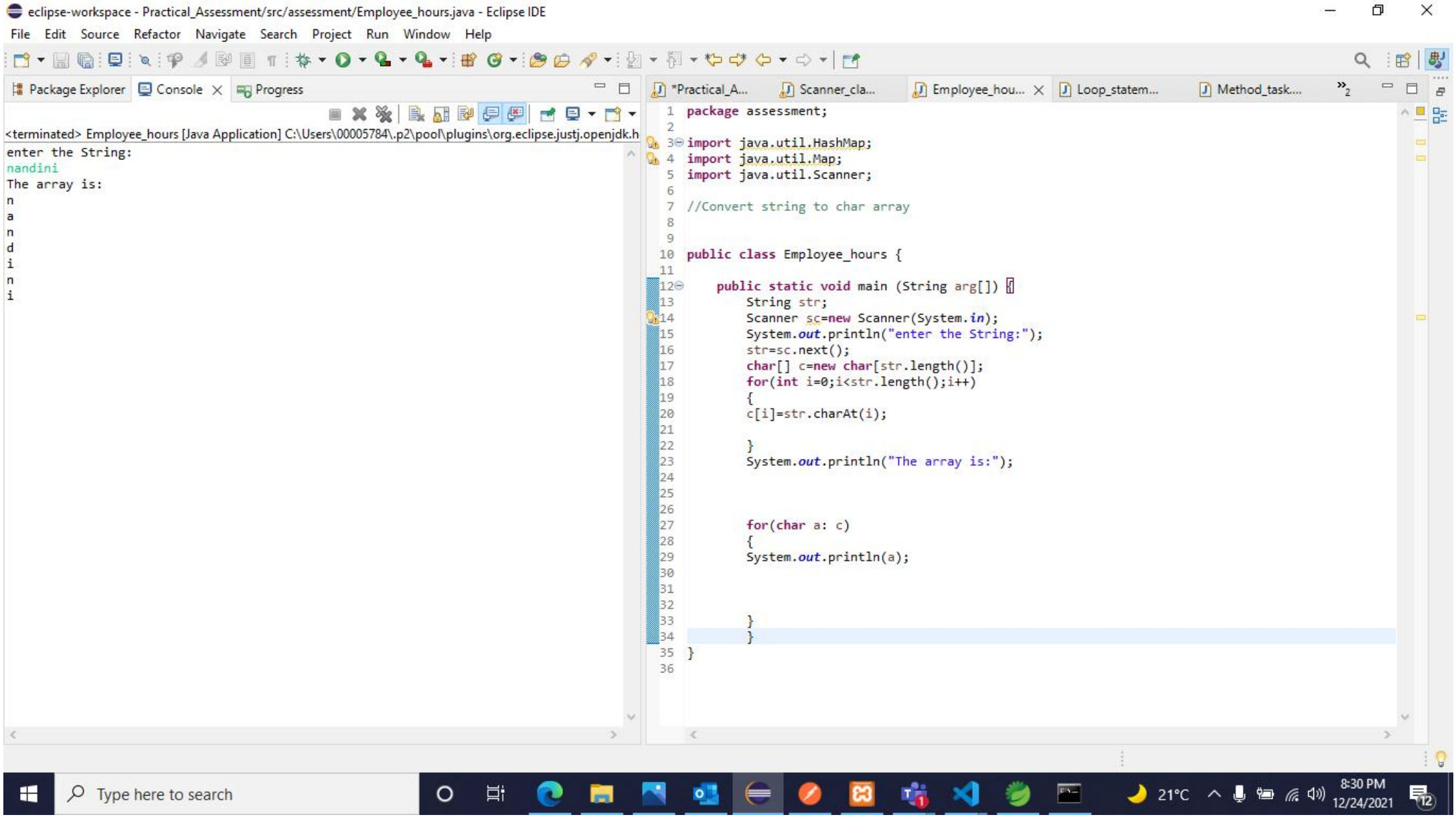

eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
*****
*****
*****
*****
*****
*Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 import java.util.Scanner;
4
5 //2. Accept height and width and print the pattern with a '*'
6 //Ex for height = 5 , width = 5,
7 //* * * * *
8 //* * * * *
9 //* * * * *
10 //* * * * *
11 //* * * * *
12
13 public class Employee_hours {
14 public static void main(String[] args) {
15 // TODO Auto-generated method stub
16 int i,j;
17 for(i=1;i<=5;i++) {
18 for(j=1;j<=5;j++) {
19 System.out.print("*");
20 }
21 System.out.println();
22 }
23 }
24 }
25
Writable
Smart Insert
25 : 1 : 456
Type here to search
22°C
8:23 PM
12/24/2021

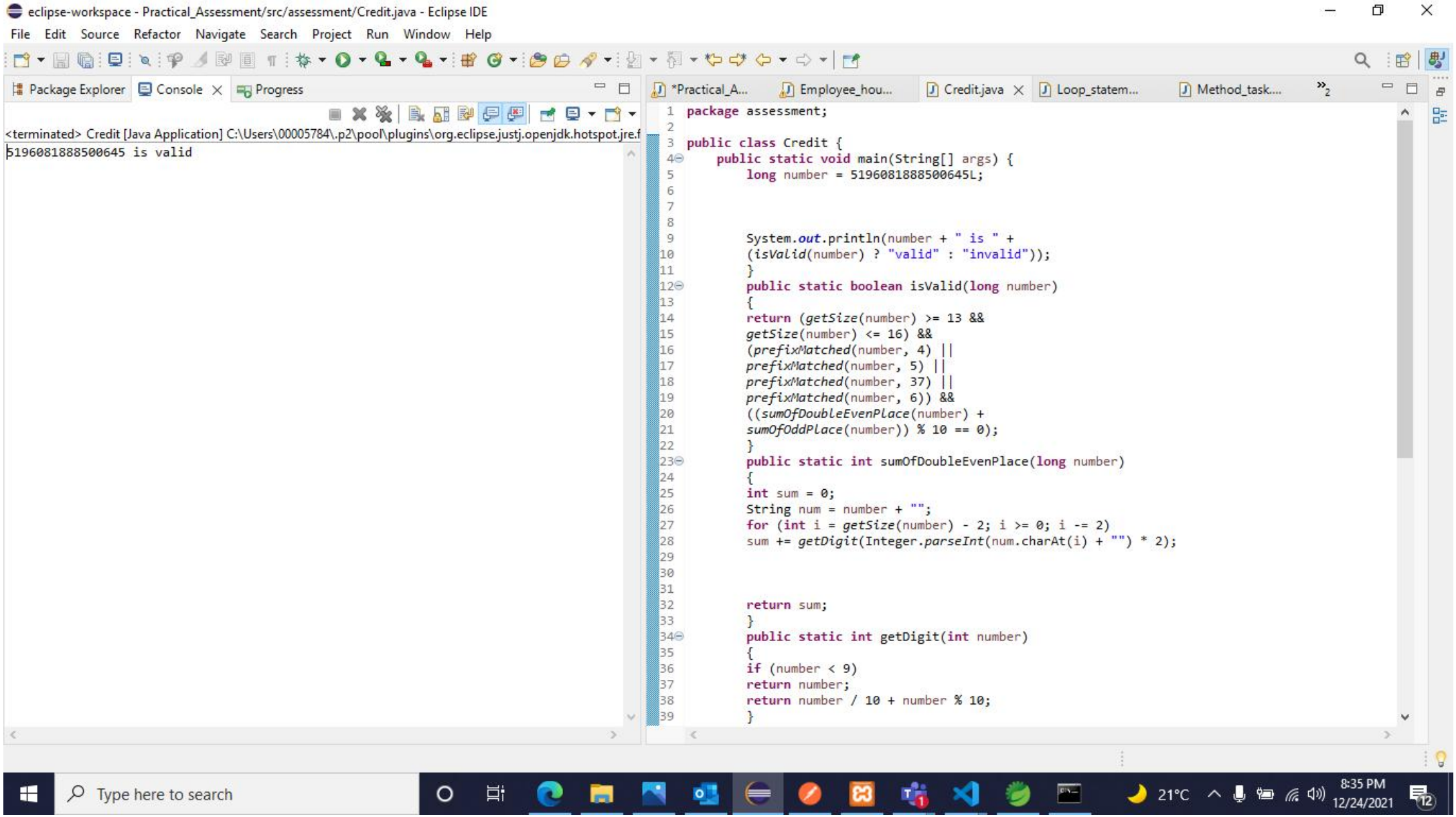

eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
Fibonacci Series till 10 terms:
0, 1, 1, 2, 3, 5, 8, 13, 21, 34,
*Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 import java.util.Scanner;
4
5 //Fibanacci series till 10 terms
6
7 public class Employee_hours {
8 public static void main(String[] args) {
9
10 int n = 10, firstTerm = 0, secondTerm = 1;
11 System.out.println("Fibonacci Series till " + n + " terms:");
12 for (int i = 1; i <= n; ++i) {
13 System.out.print(firstTerm + ", ");
14 // compute the next term
15 int nextTerm = firstTerm + secondTerm;
16 firstTerm = secondTerm;
17 secondTerm = nextTerm;
18
19
20
21 }
22 }
23 }
24
Writable
Smart Insert
5 : 33 : 84
Type here to search
22°C
8:24 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
Enter the number : 145
145 is a strong number
*Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
3 import java.util.Scanner;
4
5 //Defenition of strong number:
6 //The sum of the factorials of digits of a number should add upto the number itself.
7 //Example
8 //145 => 1! + 4! + 5!
9
10 public class Employee_hours {
11 public static void main(String[] args) {
12 int n,i;
13 int fact,ldig;
14 Scanner s = new Scanner(System.in);
15 System.out.print("Enter the number : ");
16 n = s.nextInt();
17 int total = 0;
18 int temp = n;
19 while(n != 0)
20 {
21 i = 1;
22 fact = 1;
23 ldig = n % 10;
24 while(i <= ldig)
25 {
26 fact = fact * i;
27 i++;
28 }
29 total = total + fact;
30 n = n / 10;
31 }
32 if(total == temp)
33 System.out.println(temp + " is a strong number\n");
34 else
35 System.out.println(temp + " is not a strong number\n");
36 System.out.println();
37
38
39 }
40 }
41
Type here to search
22°C
8:26 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
Enter the number : 45
45 is not a strong number
*Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
import java.util.Scanner;
//Defenition of strong number:
//The sum of the factorials of digits of a number should add upto the number itself.
//Example
//145 => 1! + 4! + 5!
public class Employee_hours {
public static void main(String[] args) {
int n,i;
int fact,ldig;
Scanner s = new Scanner(System.in);
System.out.print("Enter the number : ");
n = s.nextInt();
int total = 0;
int temp = n;
while(n != 0)
{
i = 1;
fact = 1;
ldig = n % 10;
while(i <= ldig)
{
fact = fact * i;
i++;
}
total = total + fact;
n = n / 10;
}
if(total == temp)
System.out.println(temp + " is a strong number\n");
else
System.out.println(temp + " is not a strong number\n");
System.out.println();
}
}
Type here to search
22°C
8:26 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
Yes
*Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
import java.util.HashMap;
import java.util.Map;
import java.util.Scanner;
//Find if there is any chareacter common between the two strings.
//If there is a common character return YES else return "NO"
//UserIputs:
//1. Accept two strings from user.
//Output:
//Display "YES"
public class Employee_hours {
static boolean check(String s1, String s2)
{
Map<Character, Integer> mp = new HashMap<>();
for (int i = 0; i < s1.length(); i++)
{
mp.put(s1.charAt(i), mp.get(s1.charAt(i)) == null ? 1 : mp.get(s1.charAt(i)) + 1);
}
for (int i = 0; i < s2.length(); i++)
{
if (mp.get(s2.charAt(i)) > 0)
{
return true;
}
}
return false;
}
public static void main(String[] args)
{
String s1 = "arisglobal", s2 = "aris";
boolean yes_or_no = check(s1, s2);
if (yes_or_no == true)
{
System.out.println("Yes");
}
Type here to search
21°C
8:29 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Employee_hours.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Employee_hours [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.h
enter the String:
nandini
The array is:
n
a
n
d
i
n
i
*Practical_A...
Scanner_cla...
Employee_hou...
Loop_statem...
Method_task....
1 package assessment;
2
3 import java.util.HashMap;
4 import java.util.Map;
5 import java.util.Scanner;
6
7 //Convert string to char array
8
9
10 public class Employee_hours {
11
12 public static void main (String arg[]) {
13 String str;
14 Scanner sc=new Scanner(System.in);
15 System.out.println("enter the String:");
16 str=sc.next();
17 char[] c=new char[str.length()];
18 for(int i=0;i<str.length();i++)
19 {
20 c[i]=str.charAt(i);
21
22 }
23 System.out.println("The array is:");
24
25
26
27 for(char a: c)
28 {
29 System.out.println(a);
30
31
32
33 }
34 }
35 }
36
Type here to search
21°C
8:30 PM
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Credit.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Credit [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.f
5196081888500645 is valid
*Practical_A...
Employee_hou...
Credit.java
Loop_statem...
Method_task....
package assessment;
public class Credit {
public static void main(String[] args) {
long number = 5196081888500645L;
System.out.println(number + " is " +
(isValid(number) ? "valid" : "invalid"));
}
public static boolean isValid(long number)
{
return (getSize(number) >= 13 &&
getSize(number) <= 16) &&
(prefixMatched(number, 4) ||
prefixMatched(number, 5) ||
prefixMatched(number, 37) ||
prefixMatched(number, 6)) &&
((sumOfDoubleEvenPlace(number) +
sumOfOddPlace(number)) % 10 == 0);
}
public static int sumOfDoubleEvenPlace(long number)
{
int sum = 0;
String num = number + "";
for (int i = getSize(number) - 2; i >= 0; i -= 2)
sum += getDigit(Integer.parseInt(num.charAt(i) + "") * 2);
return sum;
}
public static int getDigit(int number)
{
if (number < 9)
return number;
return number / 10 + number % 10;
}
Type here to search
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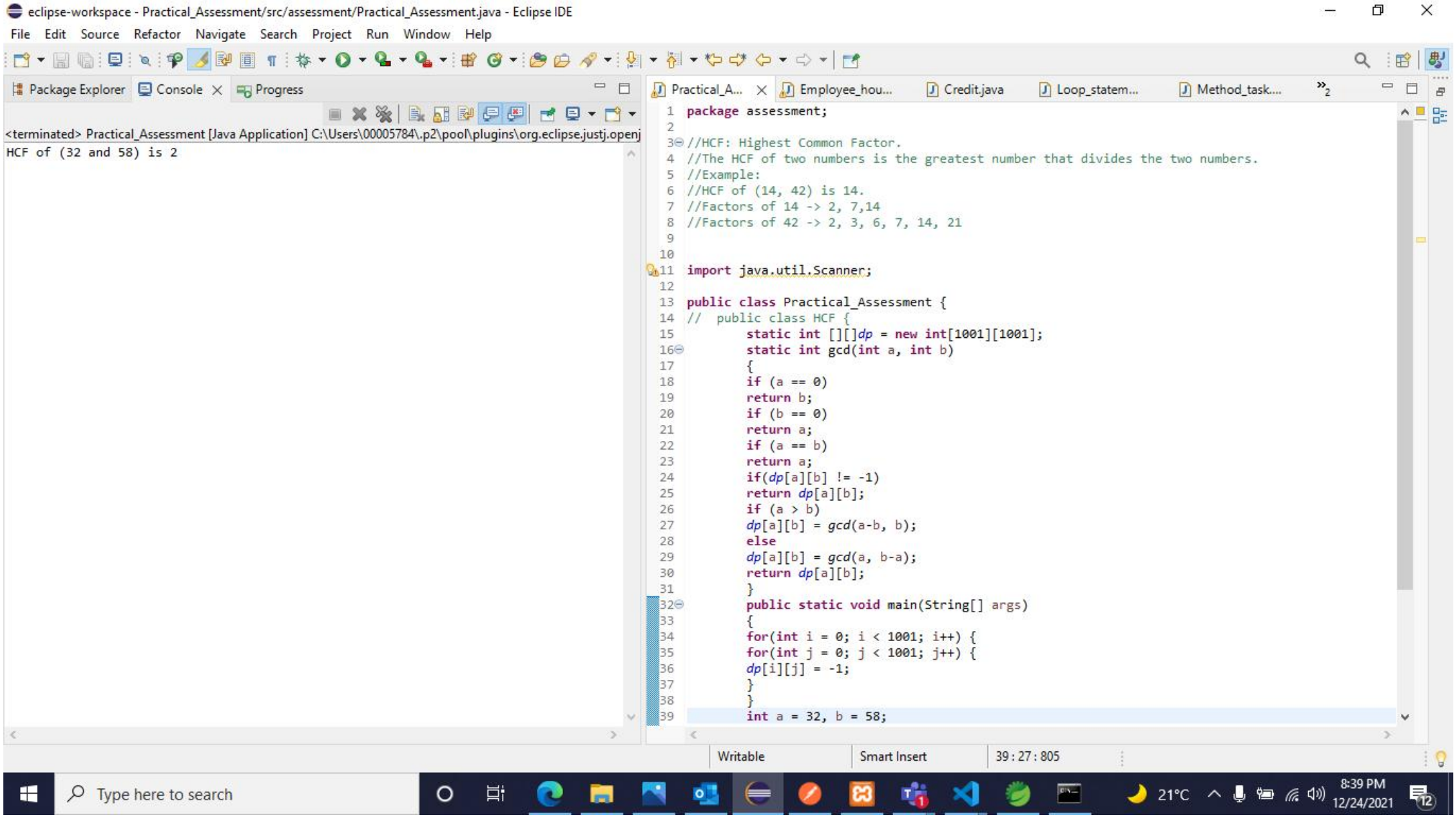
12/24/2021


eclipse-workspace - Practical_Assessment/src/assessment/Practical_Assessment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Console
Progress
<terminated> Practical_Assessment [Java Application] C:\Users\00005784\.p2\pool\plugins\org.eclipse.justj.openj
HCF of (32 and 58) is 2
Practical_A...
Employee_hou...
Credit.java
Loop_statem...
Method_task....
1 package assessment;
2
3 //HCF: Highest Common Factor.
4 //The HCF of two numbers is the greatest number that divides the two numbers.
5 //Example:
6 //HCF of (14, 42) is 14.
7 //Factors of 14 -> 2, 7,14
8 //Factors of 42 -> 2, 3, 6, 7, 14, 21
9
10
11 import java.util.Scanner;
12
13 public class Practical_Assessment {
14 // public class HCF {
15 static int [][]dp = new int[1001][1001];
16 static int gcd(int a, int b)
17 {
18 if (a == 0)
19 return b;
20 if (b == 0)
21 return a;
22 if (a == b)
23 return a;
24 if(dp[a][b] != -1)
25 return dp[a][b];
26 if (a > b)
27 dp[a][b] = gcd(a-b, b);
28 else
29 dp[a][b] = gcd(a, b-a);
30 return dp[a][b];
31 }
32 public static void main(String[] args)
33 {
34 for(int i = 0; i < 1001; i++) {
35 for(int j = 0; j < 1001; j++) {
36 dp[i][j] = -1;
37 }
38 }
39 int a = 32, b = 58;
Writable
Smart Insert
39 : 27 : 805
Type here to search
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8:39 PM
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