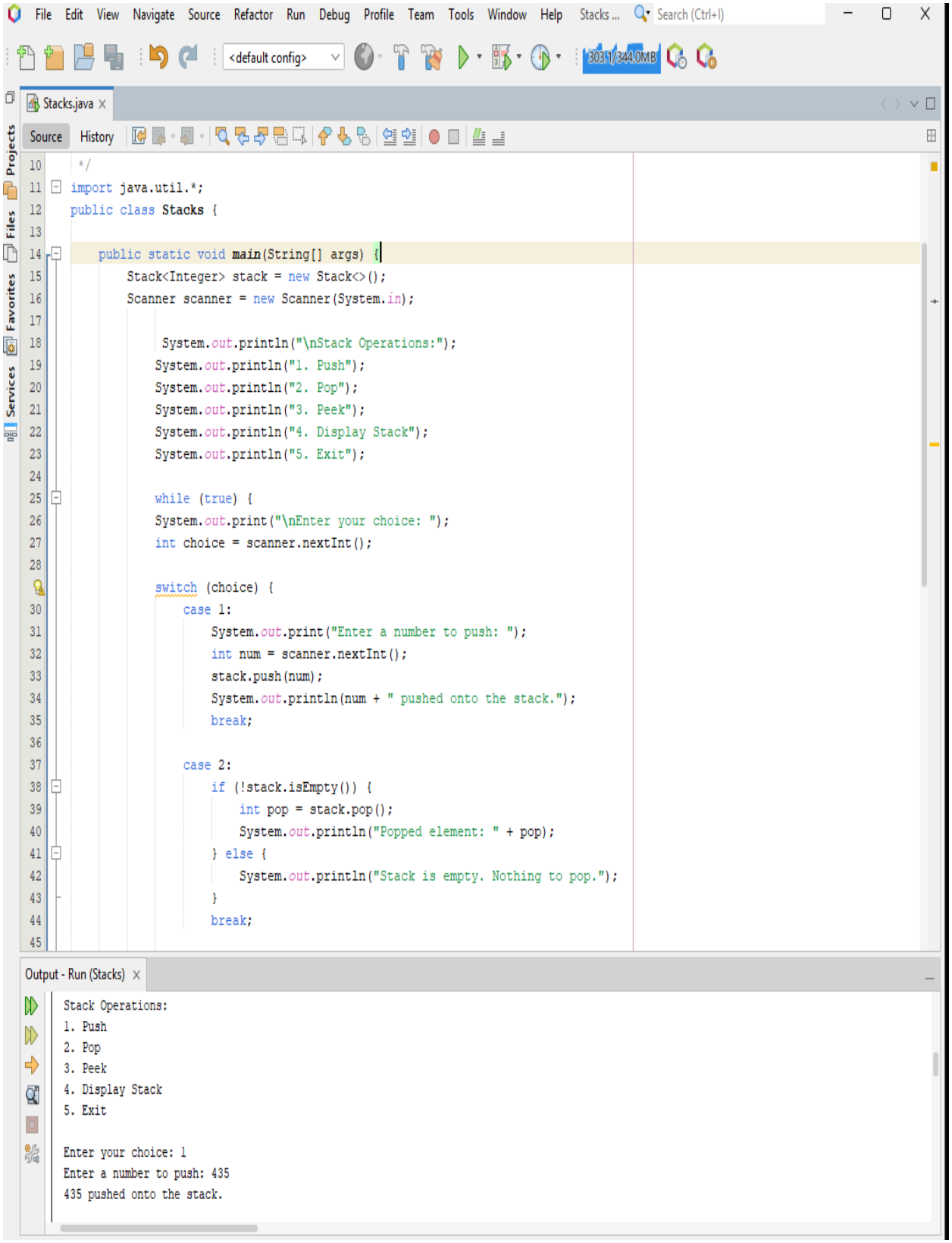
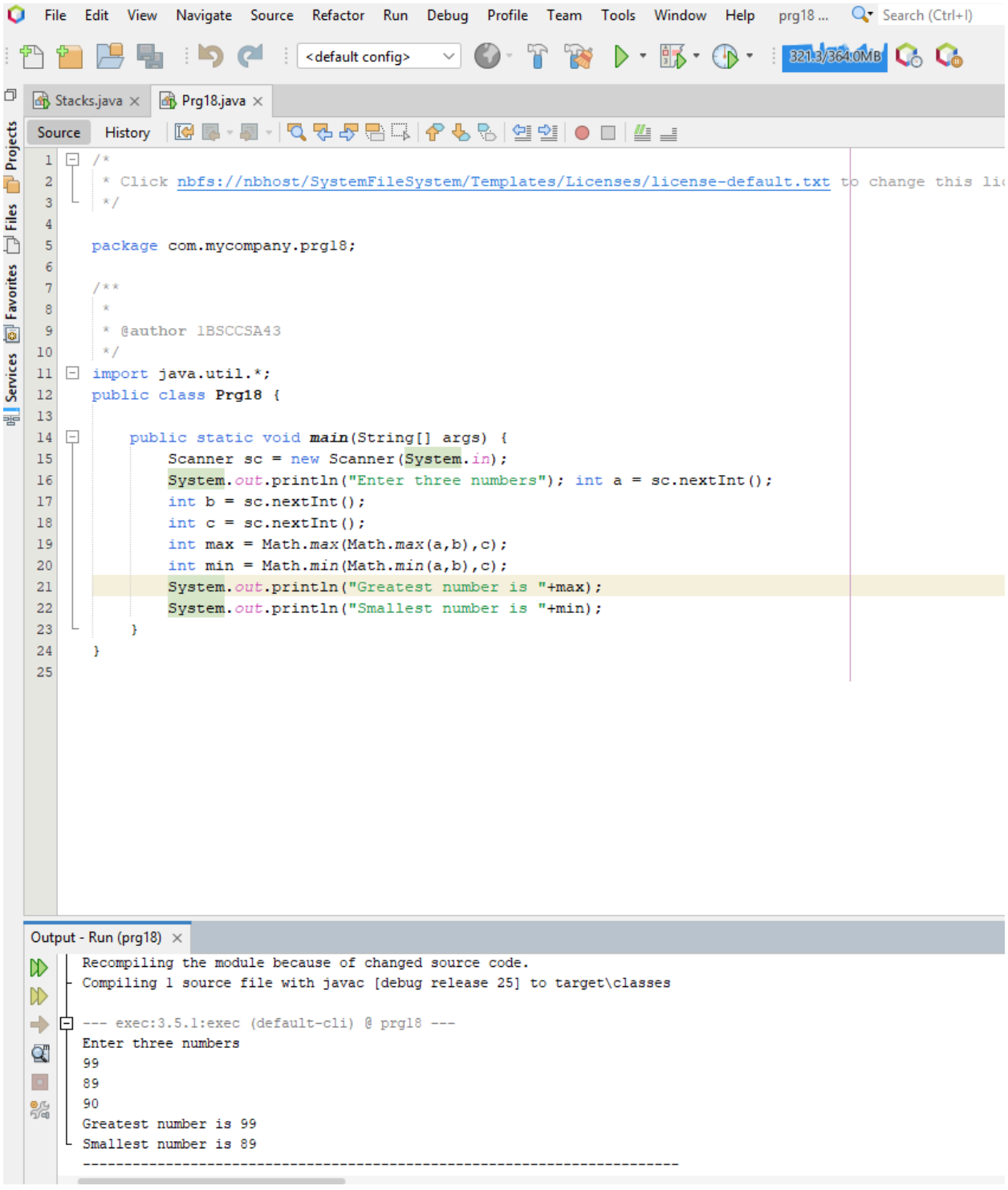
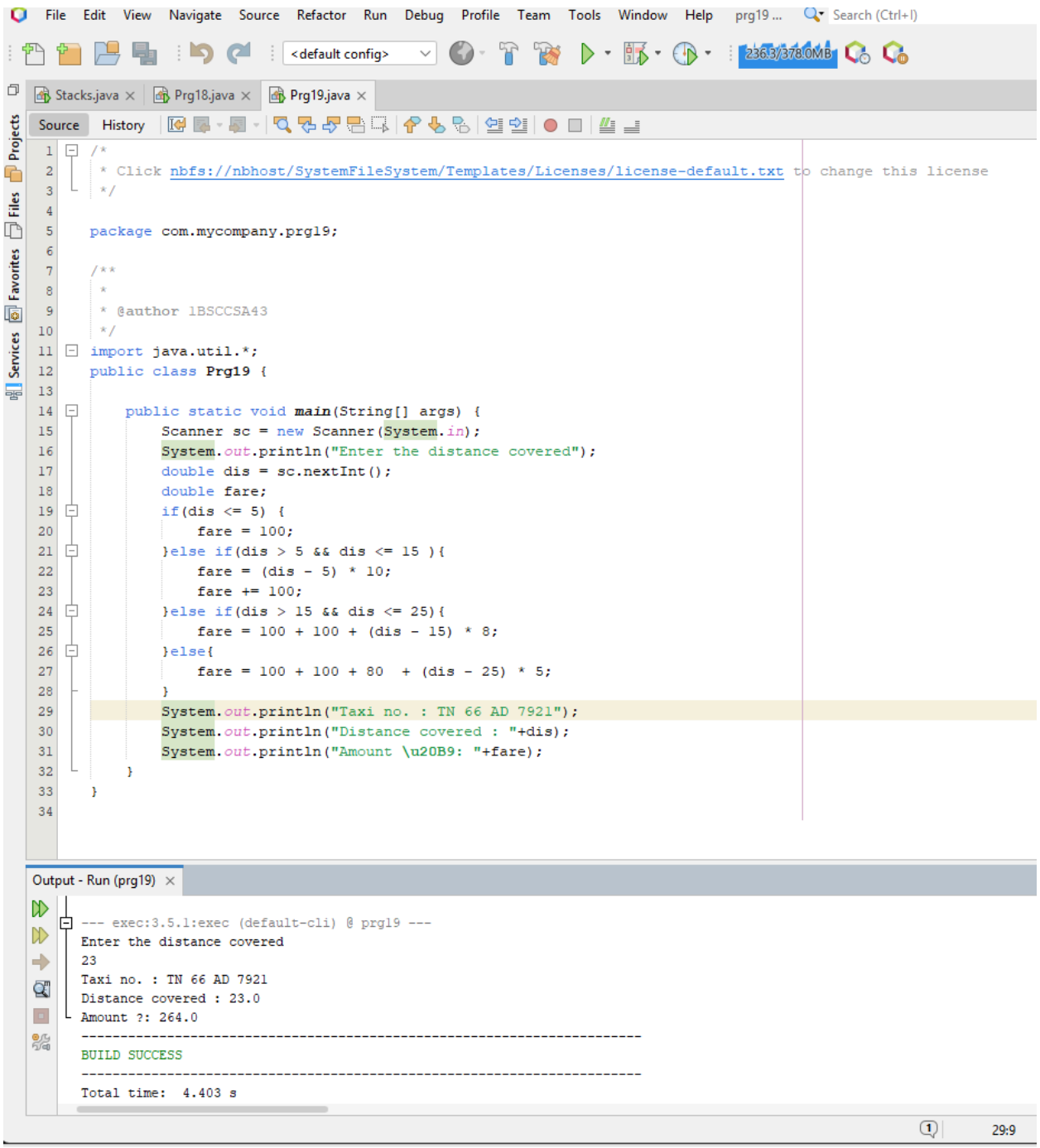
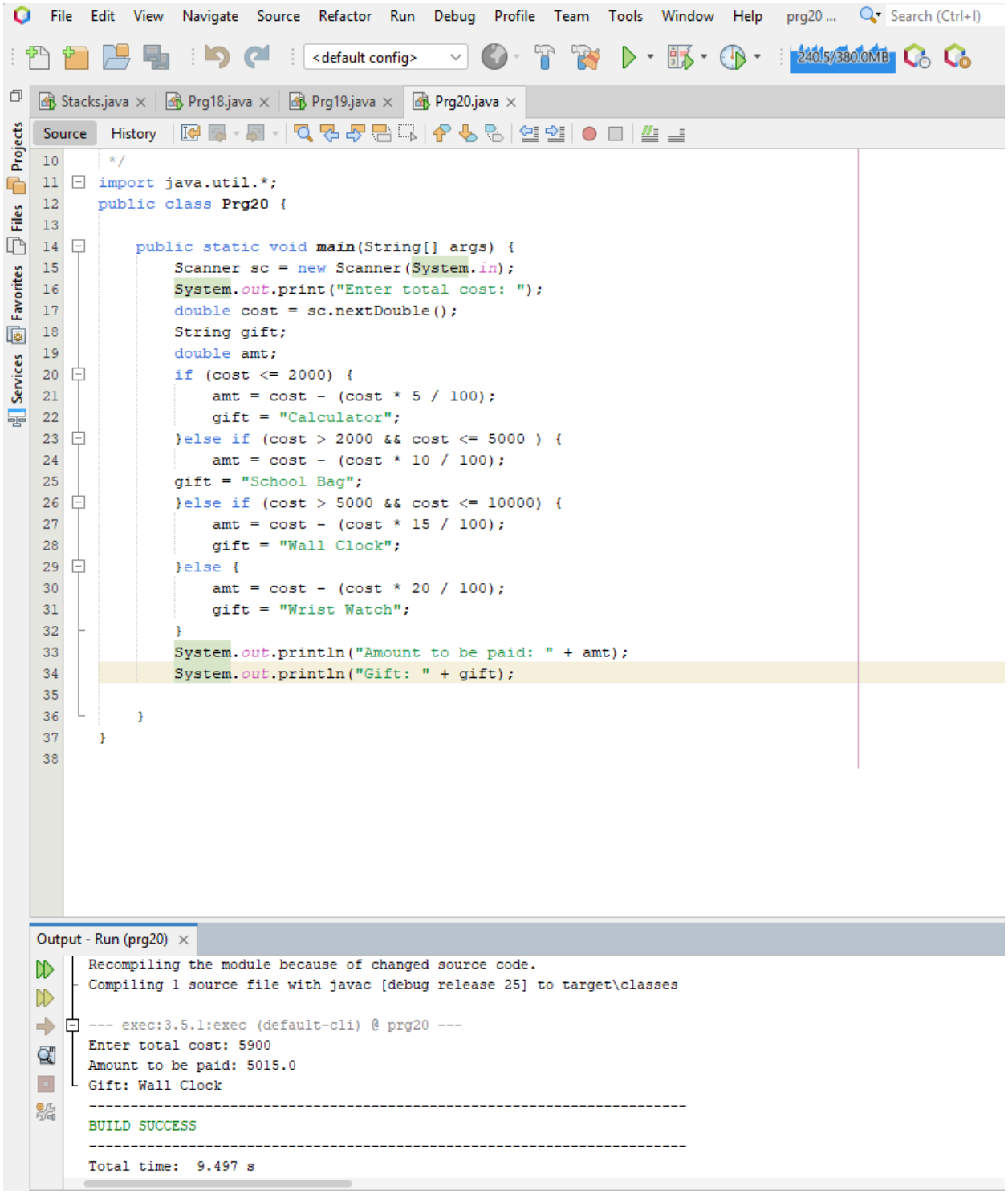
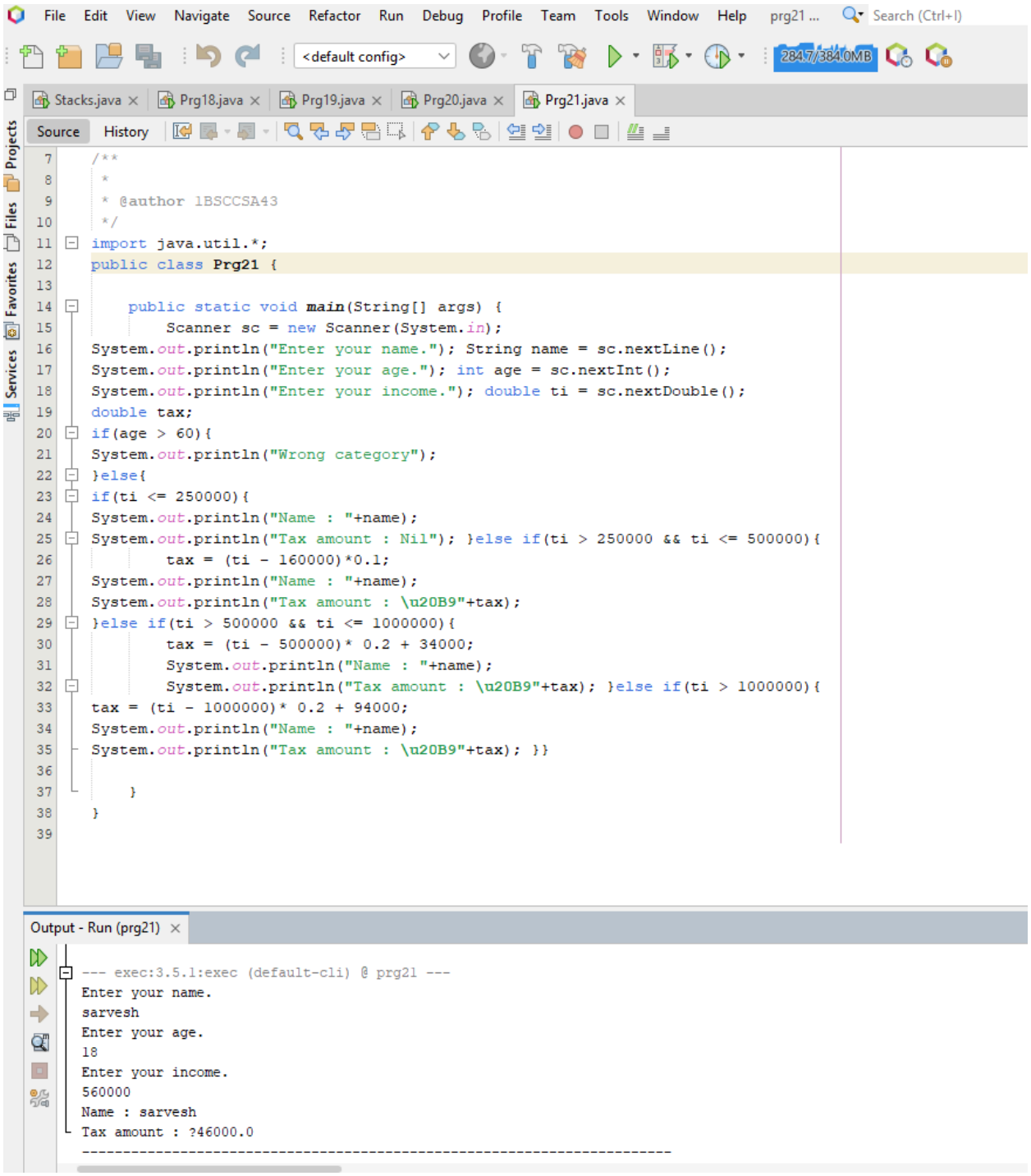

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help Stacks ... Search (Ctrl+I)
<default config>
303.1/344.0MB
Stacks.java
Source History
Projects Files Favorites Services
*/
import java.util.*;
public class Stacks {
public static void main(String[] args) {
Stack<Integer> stack = new Stack<>();
Scanner scanner = new Scanner(System.in);
System.out.println("\nStack Operations:");
System.out.println("1. Push");
System.out.println("2. Pop");
System.out.println("3. Peek");
System.out.println("4. Display Stack");
System.out.println("5. Exit");
while (true) {
System.out.print("\nEnter your choice: ");
int choice = scanner.nextInt();
switch (choice) {
case 1:
System.out.print("Enter a number to push: ");
int num = scanner.nextInt();
stack.push(num);
System.out.println(num + " pushed onto the stack.");
break;
case 2:
if (!stack.isEmpty()) {
int pop = stack.pop();
System.out.println("Popped element: " + pop);
} else {
System.out.println("Stack is empty. Nothing to pop.");
}
break;
Output - Run (Stacks)
Stack Operations:
1. Push
2. Pop
3. Peek
4. Display Stack
5. Exit
Enter your choice: 1
Enter a number to push: 435
435 pushed onto the stack.


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help prg18 ... Search (Ctrl+I)
<default config>
321.3/364.0MB
Stacks.java
Prg18.java
Source History
Projects Files Favorites Services
1 /*
2 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this lic
3 */
4
5 package com.mycompany.prg18;
6
7 /**
8 *
9 * @author 1BSCCSA43
10 */
11 import java.util.*;
12 public class Prg18 {
13
14 public static void main(String[] args) {
15 Scanner sc = new Scanner(System.in);
16 System.out.println("Enter three numbers"); int a = sc.nextInt();
17 int b = sc.nextInt();
18 int c = sc.nextInt();
19 int max = Math.max(Math.max(a,b),c);
20 int min = Math.min(Math.min(a,b),c);
21 System.out.println("Greatest number is "+max);
22 System.out.println("Smallest number is "+min);
23 }
24 }
25
Output - Run (prg18)
Recompiling the module because of changed source code.
Compiling 1 source file with javac [debug release 25] to target\classes
--- exec:3.5.1:exec (default-cli) @ prg18 ---
Enter three numbers
99
89
90
Greatest number is 99
Smallest number is 89


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help prg19 ... Search (Ctrl+I)
<default config>
236.3/378.0MB
Stacks.java
Prg18.java
Prg19.java
Source History
Projects
Files
Favorites
Services
/*
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
*/
package com.mycompany.prg19;
/**
*
* @author 1BSCCSA43
*/
import java.util.*;
public class Prg19 {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter the distance covered");
double dis = sc.nextInt();
double fare;
if(dis <= 5) {
fare = 100;
}else if(dis > 5 && dis <= 15){
fare = (dis - 5) * 10;
fare += 100;
}else if(dis > 15 && dis <= 25){
fare = 100 + 100 + (dis - 15) * 8;
}else{
fare = 100 + 100 + 80 + (dis - 25) * 5;
}
System.out.println("Taxi no. : TN 66 AD 7921");
System.out.println("Distance covered : "+dis);
System.out.println("Amount \u20B9: "+fare);
}
}
Output - Run (prg19)
--- exec:3.5.1:exec (default-cli) @ prg19 ---
Enter the distance covered
23
Taxi no. : TN 66 AD 7921
Distance covered : 23.0
Amount ?: 264.0
BUILD SUCCESS
Total time: 4.403 s
29:9


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help prg20 ... Search (Ctrl+I)
<default config>
240.5/380.0MB
Stacks.java
Prg18.java
Prg19.java
Prg20.java
Source History
Projects
Files
Favorites
Services
*/
import java.util.*;
public class Prg20 {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.print("Enter total cost: ");
double cost = sc.nextDouble();
String gift;
double amt;
if (cost <= 2000) {
amt = cost - (cost * 5 / 100);
gift = "Calculator";
}else if (cost > 2000 && cost <= 5000) {
amt = cost - (cost * 10 / 100);
gift = "School Bag";
}else if (cost > 5000 && cost <= 10000) {
amt = cost - (cost * 15 / 100);
gift = "Wall Clock";
}else {
amt = cost - (cost * 20 / 100);
gift = "Wrist Watch";
}
System.out.println("Amount to be paid: " + amt);
System.out.println("Gift: " + gift);
}
}
Output - Run (prg20)
Recompiling the module because of changed source code.
Compiling 1 source file with javac [debug release 25] to target\classes
--- exec:3.5.1:exec (default-cli) @ prg20 ---
Enter total cost: 5900
Amount to be paid: 5015.0
Gift: Wall Clock
BUILD SUCCESS
Total time: 9.497 s


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help prg21 ... Search (Ctrl+I)
<default config>
284.7/384.0MB
Stacks.java Prg18.java Prg19.java Prg20.java Prg21.java
Source History
Projects Files Favorites Services
/**
*
* @author 1BSCCSA43
*/
import java.util.*;
public class Prg21 {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter your name."); String name = sc.nextLine();
System.out.println("Enter your age."); int age = sc.nextInt();
System.out.println("Enter your income."); double ti = sc.nextDouble();
double tax;
if(age > 60){
System.out.println("Wrong category");
}else{
if(ti <= 250000){
System.out.println("Name : "+name);
System.out.println("Tax amount : Nil"); }else if(ti > 250000 && ti <= 500000){
tax = (ti - 160000)*0.1;
System.out.println("Name : "+name);
System.out.println("Tax amount : \u20B9"+tax);
}else if(ti > 500000 && ti <= 1000000){
tax = (ti - 500000)* 0.2 + 34000;
System.out.println("Name : "+name);
System.out.println("Tax amount : \u20B9"+tax); }else if(ti > 1000000){
tax = (ti - 1000000)* 0.2 + 94000;
System.out.println("Name : "+name);
System.out.println("Tax amount : \u20B9"+tax); }}
}
Output - Run (prg21)
--- exec:3.5.1:exec (default-cli) @ prg21 ---
Enter your name.
sarvesh
Enter your age.
18
Enter your income.
560000
Name : sarvesh
Tax amount : ?46000.0