

... Inc.java 1

J Medical.java

J Find.java

J Inc.java

1

J Overloading.java

J

The screenshot shows a Java code editor in Visual Studio Code. The code is a simple program that prompts the user for length and breadth, calculates the area, and prints whether it's a square or a rectangle. A yellow dot icon is visible on the left margin at line 8, indicating a potential issue or warning.

```
1 import java.util.Scanner;
2 class Inc {
3     Run | Debug
4     public static void main(String args[]){
5         Scanner s1 = new Scanner(System.in);
6         System.out.println("Enter length:");
7         int l = s1.nextInt();
8         System.out.println("Enter breadth:");
9         int b = s1.nextInt();
10        int rectangle = l * b;
11        if (l==b){
12            System.out.println("This is square");
13        } else{
14            System.out.println("This is Rectangle: "+rectangle);
15        }
16    }
17 }
18
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

JUPYTER

Windows PowerShell

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```
PS D:\Doc> & 'C:\Program Files\Java\jdk-18.0.2.1\bin\java.exe' '--enable-preview' '-XX:+Sh
p' 'C:\Users\HP\AppData\Roaming\Code\User\workspaceStorage\134ecad4f666b20c499baaf4e3d2259a
'Capital'
Enter letter:
G
Capital letter
PS D:\Doc> []
```

Terminal Help

Greatjava - Doc - Visual Studio Code

```
... ice.java | J Medical.java J Find.java J Great.java x J Output.java
```

Great.java > Great > main(String[])

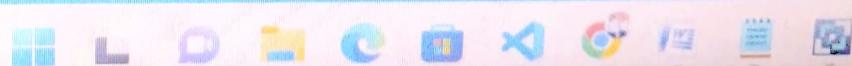
```
1 import java.util.Scanner;
2 class Great {
3     Run | Debug
4     public static void main(String args[]){
5         Scanner s = new Scanner(System.in);
6         System.out.println(x: "Enter first number:");
7         int a = s.nextInt();
8         System.out.println(x: "Enter second number:");
9         int b = s.nextInt();
10        if (a>b){
11            System.out.println(x: "A is great");
12        } else {
13            System.out.println(x: "B is great");
14        }
15    }
16}
```

PROBLEMS **36** **OUT**

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```
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PS D:\Doc> & 'C:\Program Files\Java\jdk-18.0.2.1\bin\java.exe' '--enable-preview' '-XX:  
p' 'C:\Users\HP\AppData\Roaming\Code\User\workspaceStorage\134ecad4f666b20c499baaf4e3d2  
`Capital'
Enter letter:
G
Capital letter
PS D:\Doc> []
```



Run Terminal Help

... Dice.java J Medical.java J Find.java J Unit.java X J Constructors.java J Construction.java

J Unit.java > ↗ Unit > ⚡ main(String[])

```
1 import java.util.Scanner;
2 class Unit {
3     Run | Debug
4     public static void main(String args[]){
5         Scanner s = new Scanner(System.in);
6         int u = 100;
7         System.out.println("Enter Quantity:");
8         int q = s.nextInt();
9         int p = u * q;
10        System.out.println(+p);
11        if (p >= 1000){
12            double t = (double)10/100*p ;    I
13            System.out.println("Your 10% discount:"+t);
14            double g = p - t;
15            System.out.println("Your total payment:"+g);
16        } else {
17            System.out.println("Please purchase more than or equal to 1000 Rupess");
18        }
}
```

PROBLEMS 36 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
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```
PS D:\Doc> & 'C:\Program Files\Java\jdk-18.0.2.1\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionTraces' 'C:\Users\VHP\AppData\Roaming\Code\User\workspaceStorage\134ecad4f666b20c499baaf4e3d2259a\redhat.java\jdt_ls\Doc'
'Capital'
Enter letter:
G
Capital letter
PS D:\Doc> []
```



```
Bonus.java - Doc - Visual Studio Code
X J Practice.java J Six.java J Absolute.java
> Bonus > main(String[])
int java.util.Scanner;
s Bonus {
Run | Debug
public static void main(String args[]){
Scanner s = new Scanner(System.in);
System.out.println(x: "Enter Your Salary:");
int s1 = s.nextInt();
System.out.println(x: "Enter Your Service Years:");
int s2 = s.nextInt();
if (s2 > 5){
    double s3 = (double)5/100*s1;
    System.out.println("Your 5% bonus is:"+s3);
    double s4 = s1+s3;
    System.out.println("Your new salary is:"+s4);
} else {
    System.out.println(x: "Nhi milega bonus");
}
}
```

OUTPUT

DEBUG CONSOLE

TERMINAL

JUPYTER

PowerShell

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letter



J Bonus.java 1

J prog5java 2 X

J Practice.java 1

J Six.java 1

C:\> Users > HP > AppData > Local > Temp > ExpressZip-4592-2 > javaAssignment_ifelse>

```
1 import java.util.*;
2 class progs
3 {
4     Run | Debug
5     public static void main(String[] args)
6     {
7         Scanner sc = new Scanner(System.in);
8         System.out.println("Enter marks");
9         int marks = sc.nextInt();
10        if(marks<25)
11            System.out.println("Grade is F");
12        if(marks>25 && marks<45)
13            System.out.println("Grade is E");
14        if(marks>=45 && marks<50)
15            System.out.println("Grade is D");
16        if(marks>=50 && marks<60)
17            System.out.println("Grade is C");
18        if(marks>=60 && marks<80)
19            System.out.println("Grade is B");
20        if(marks>80)
21            System.out.println("Grade is A");
22    }
}
```

... J Bonus.java 1 J prog5.java 2 J Practice.java 1 J Six.java 1 J Absolute.java 1



J Age.java > ...

```
1 import java.util.Scanner;
2
3 class Age {
4     Run | Debug
5     public static void main(String args[]){
6         Scanner s = new Scanner(System.in);
7         System.out.println("Enter age 1:");
8         int a = s.nextInt();
9         System.out.println("Enter age 2:");
10        int b = s.nextInt();
11        System.out.println("Enter age 3:");
12        int c = s.nextInt();
13
14        if (a > b & a > c){
15            System.out.println("A is greater than B and C");
16        } else if (b > a & b > c){
17            System.out.println("B is greater than A and C");
18        } else {
19            System.out.println("C is greater than A and B");
20        }
21    }
22}
```

Go Run Terminal Help

Absolute.java - Doc - Visual Studio Code

... J Bonus.java 1 J prog5.java 2 J Practice.java 1 J Six.java

J Absolute.java > Absolute > main(String[])

```
1 import java.util.Scanner;
2
3 class Absolute {
4     static void findAbsolute (int n){
5         if (n < 0){
6             n = (-1) * n;
7         }
8         System.out.printf(format: "%d", n);
9     }
10    public static void main(String args[]){
11        Scanner s = new Scanner(System.in);
12        System.out.println("Enter number:");
13        int n = s.nextInt();
14        findAbsolute(n);
15    }
16}
17
```

Run Terminal Help

Attendance.java - Doc - Visual Studio Code

J Practice.java | J Six.java | J Absolute.java | J Age.java | J ...

J Attendance.java > Attendance > main(String[])

```
1 import java.util.Scanner;
1
1
1 class Attendance {
    Run | Debug
4 public static void main(String args[]){
5     Scanner s = new Scanner(System.in);
6     System.out.println("Number of classes held:");
7     int c = s.nextInt();
8     System.out.println("Number of classes attend:");
9     int a = s.nextInt();
10    double p = (double)a/c*100;
11    System.out.println("Your Total Attendence:"+p);
12    if (p < 75){
13        System.out.println("You are not allow to sit in exam");
14    } else {
15        System.out.println("You Allow to sit in exam");
16    }
17
18 }
19
```

Terminal Help

Medical.java - Doc - Visual Studio Code

```
J Six.java 1 J Absolute.java 1 J Age.java 1 ● J Abc.java J Prac.java J Atte
J Medical.java > ⚙ Medical > ⌂ main(String[])
1 import java.util.Scanner;
2
3 class Medical {
4     Run | Debug
5     public static void main(String args[]){
6         Scanner s = new Scanner(System.in);
7         System.out.println("Number of classes held:");
8         int c = s.nextInt();
9         System.out.println("Number of classes attend:");
10        int a = s.nextInt();
11        double p = (double)a/c*100;
12        System.out.println("Your Total Attendence:" + p);
13        if (p < 75){
14            System.out.println("You are not allow to sit in exam.");
15            System.out.println("Do you have a medical cause");
16            String m = s.next();
17            if (m.equals("Y")){
18                System.out.println("You are allow to sit in exam");
19            } else{
20                System.out.println("You are not allow to sit in exam at all");
21            }
22        } else {
23            System.out.println("You are allow to sit in exam");
24        }
25    }
26}
```

Go Run Terminal Help

Find.java - Doc - Visual Studio Code

... J Absolute.java 1

J Age.java 1 ●

J areacircle.java 1

J Prac.java

J Attend...



J Find.java > ⚙ Find

```
1  class Find {  
2      Run | Debug  
3      public static void main(String args[]){  
4          int x = 2;  
5          int y = 5;  
6          int z = 0;  
7          System.out.println(x==2);  
8          System.out.println(x != 5);  
9          System.out.println(x != 5 && y >= 5);  
10         System.out.println(z != 0 || x -- 2);  
11         System.out.println(!(y < 10));  
12     }  
13 }
```

File Go Run Terminal Help

prog11.java - Doc - Visual Studio Code

... J Absolute.java ! J Age.java ! ● J areacircle.java ! J prog11.java - X J prog11.java

C: > Users > HP > AppData > Local > Temp > ExpressZip-4592-2 > javaAssignment_jfalse-master.zip > javaAssignment

```
1 import java.util.*;
2 class prog11
3 {
4     Run | Debug
5     public static void main(String[] args)
6     {
7         Scanner sc = new Scanner(System.in);
8         System.out.println("Enter any character");
9         char c = sc.next().charAt(index: 0);
10        if(Character.isLetter(c))
11        {
12            if(Character.isUpperCase(c))
13            {
14                System.out.println("Character is UpperCase");
15            }
16        }
17    }
18 }
19
```

Run Terminal Help

prog1_level2.java - Doc - Visual Studio Code

... caljava 1 Find.java Overloading.java Construct.java 4 Capital.java

C: > Users > HP > AppData > Local > Temp > ExpressZip-4592-2 > javaAssignment_ifelse-master.zip > javaAssignment_ifelse-master > prog1_level2.java

```
1 import java.util.*;
2 class level2_1
3 {
4     Run | Debug
5     public static void main(String[] args)
6     {
7         Scanner sc = new Scanner(System.in);
8         System.out.println("Enter Year");
9         int y = sc.nextInt();
10        if(y%400 == 0 || ((y%4 == 0) && y%100 != 0))
11        {
12            System.out.println("Entered year is a leap year");
13        }
14    }
15 }
```

Run Terminal Help

prog2_level2.java - Doc - Visual Studio Code

J Overloading.java J Constructure.java 4 J Capital.java 1 J Leap.java 1 • J prog1_level2.java

C:\> Users > HP > AppData > Local > Temp > ExpressZip-4592-2 > javaAssignment_ifelse-master.zip > javaAssignment_ifelse

```
1 4 public static void main(String[] args)
2 5 {
3 6 Scanner sc = new Scanner(System.in);
4 7 System.out.println("Enter age, sex(m or f) and your marital status(y or n)");
5 8 int age = sc.nextInt();
6 9 String s = sc.next();
7 10 String m = sc.next();
8 11 if( s.equals("f"))
9 12     System.out.println("Employee will work in Urban areas only");
10 13 else if(s.equals("m") && age>=20 && age<40)
11 14     System.out.println("Employee may work any where");
12 15 else if(s.equals("m") && age>=40 && age<60)
13 16     System.out.println("Employee will work in urban areas only");
14 17 else
15 18     System.out.println("Error");
16 19 }
17 20 }
```

Run Terminal Help

prog3_level2.java - Doc - Visual Studio Code

... J Constructure.java 4 J Capital.java 1 J Leap.java 1 • J prog1_level2.java

C: > Users > HP > AppData > Local > Temp > ExpressZip-4592-2 > javaAssignment_ifelse-master.

```
1 import java.util.*;
2 class level2_3
3 {
4     Run | Debug
5     public static void main(String[] args)
6     {
7         Scanner sc = new Scanner(System.in);
8         System.out.println("Enter any number.");
9         int n = sc.nextInt();
10        int d, rev=0;
11        while(n!=0)
12        {
13            d = n%10;
14            n = n/10;
15            rev = rev*10 + d;
16        }
17        System.out.println("Reverse of the number is "+rev);
18    }
}
```