



Lab Task

Subject: Introduction to JAVA

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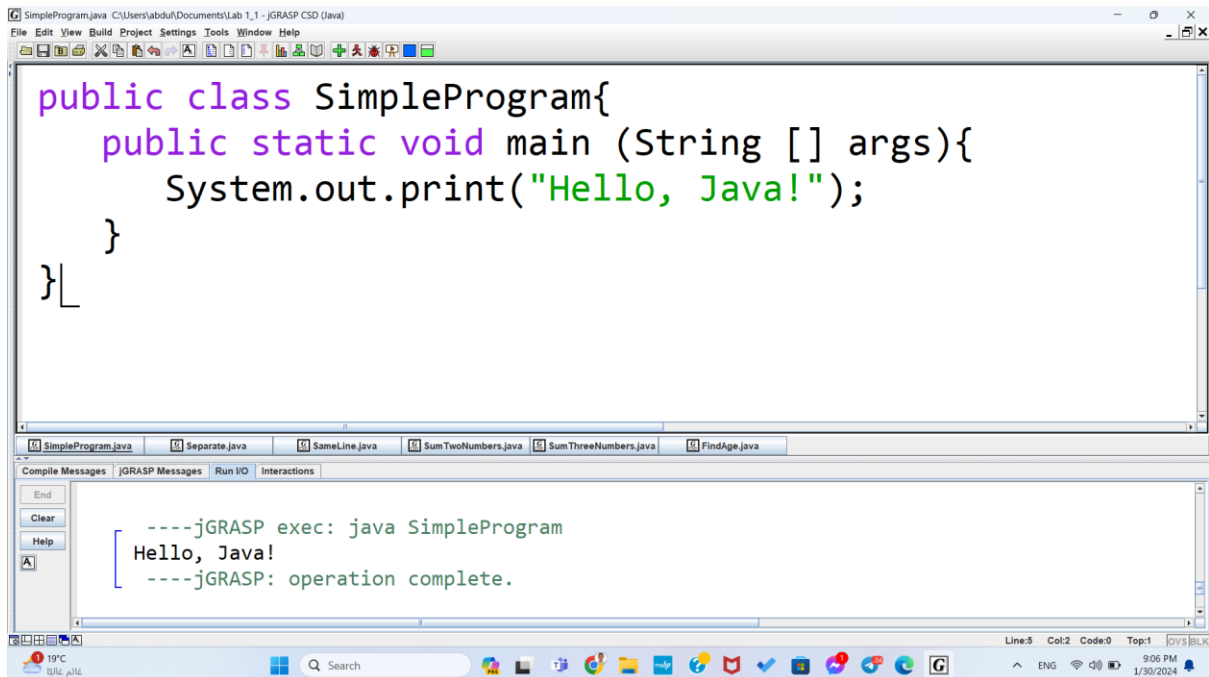
رقم الجامعة: 443058333

الجنسية: بنغلاديش

الجهة: الحاسب آلي

رقم الشعبة: 4476

Introductory Task

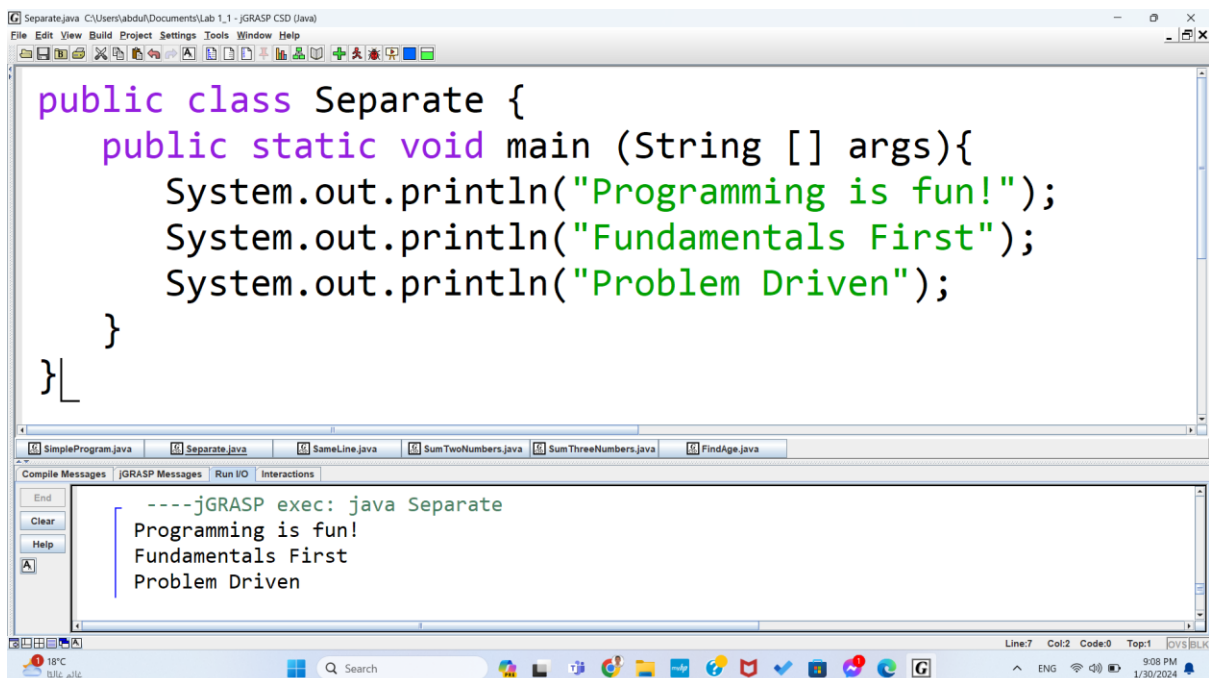


The screenshot shows the jGRASP IDE with the file `SimpleProgram.java` open. The code is a simple Java class with a `main` method that prints "Hello, Java!". The IDE's output window shows the command `java SimpleProgram` and the output `Hello, Java!`.

```
public class SimpleProgram{  
    public static void main (String [] args){  
        System.out.print("Hello, Java!");  
    }  
}
```

---jGRASP exec: java SimpleProgram
Hello, Java!
---jGRASP: operation complete.

Answer to the Question No: 1

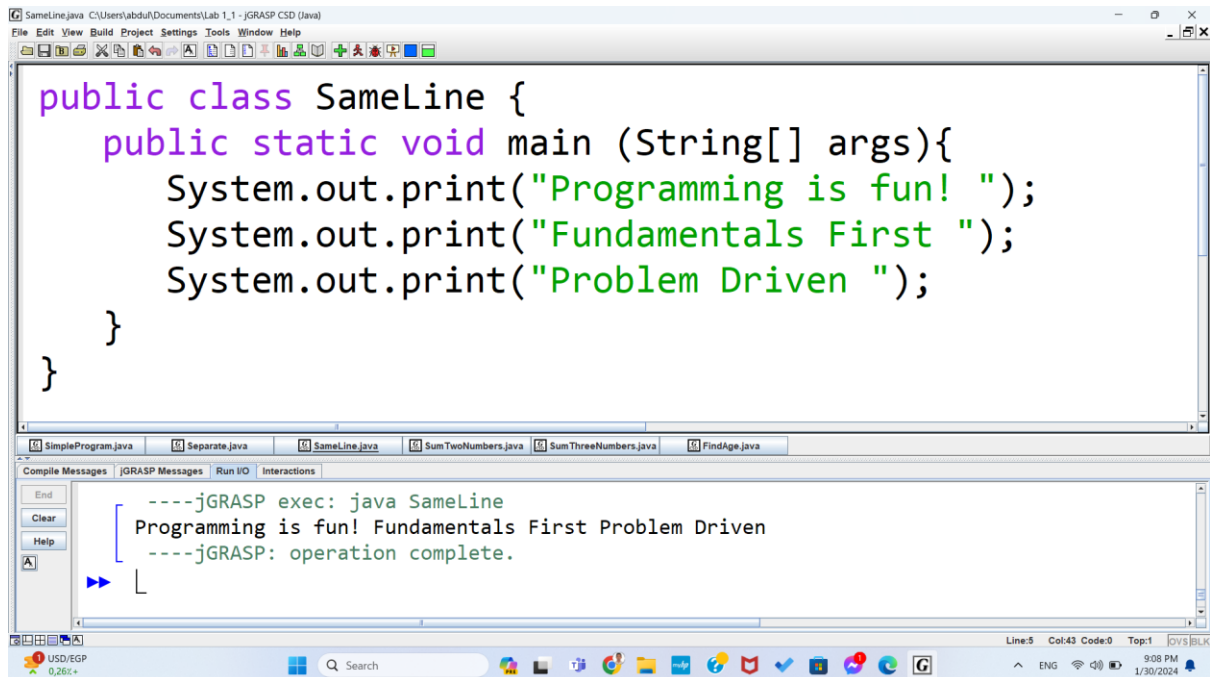


The screenshot shows the jGRASP IDE with the file `Separate.java` open. The code is a simple Java class with a `main` method that prints three lines: "Programming is fun!", "Fundamentals First", and "Problem Driven". The IDE's output window shows the command `java Separate` and the output of the three lines.

```
public class Separate {  
    public static void main (String [] args){  
        System.out.println("Programming is fun!");  
        System.out.println("Fundamentals First");  
        System.out.println("Problem Driven");  
    }  
}
```

---jGRASP exec: java Separate
Programming is fun!
Fundamentals First
Problem Driven

Answer to the Question No: 2



```
public class SameLine {  
    public static void main (String[] args){  
        System.out.print("Programming is fun! ");  
        System.out.print("Fundamentals First ");  
        System.out.print("Problem Driven ");  
    }  
}
```

Compile Messages | jGRASP Messages | Run I/O | Interactions

End
Clear
Help
A

```
----jGRASP exec: java SameLine  
Programming is fun! Fundamentals First Problem Driven  
----jGRASP: operation complete.
```

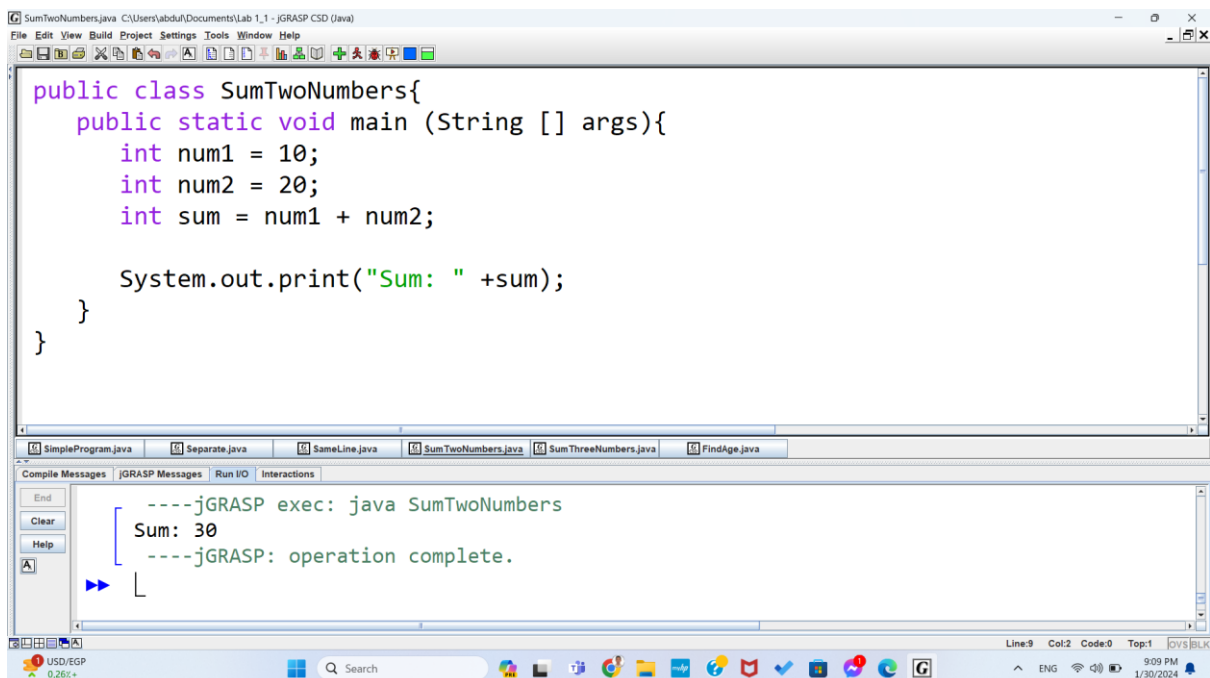
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Answer to the Question No: 3



```
public class SumTwoNumbers{  
    public static void main (String [] args){  
        int num1 = 10;  
        int num2 = 20;  
        int sum = num1 + num2;  
  
        System.out.print("Sum: " +sum);  
    }  
}
```

Compile Messages | jGRASP Messages | Run I/O | Interactions

End
Clear
Help
A

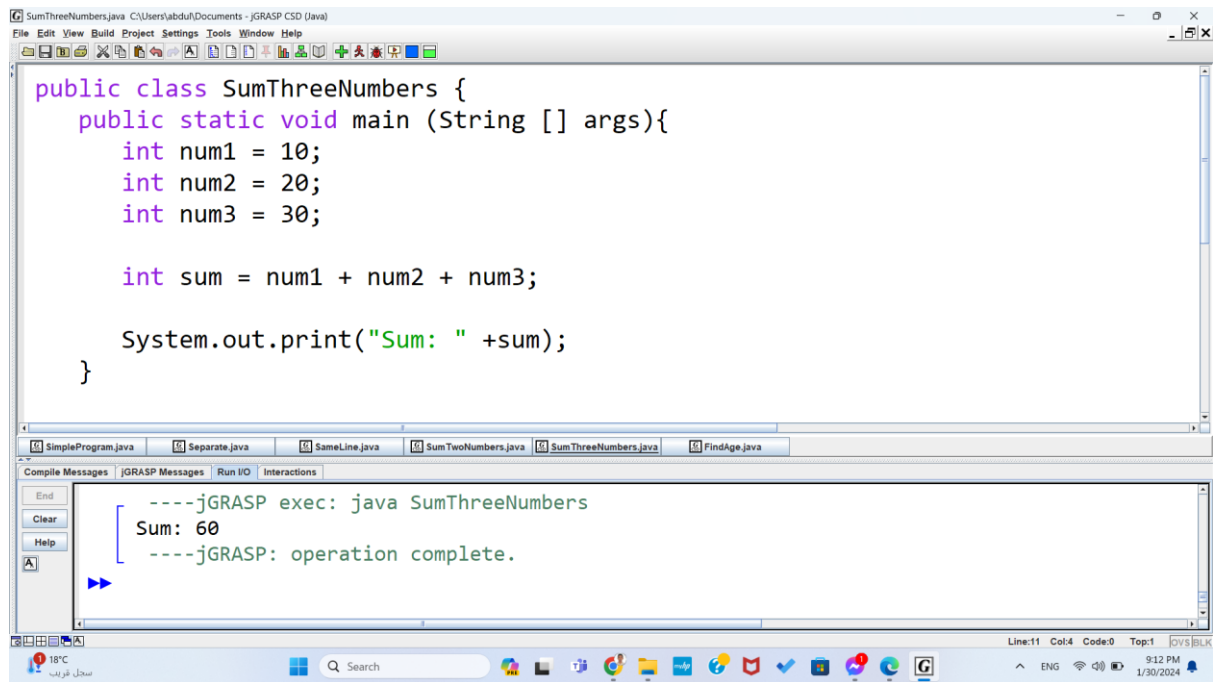
```
----jGRASP exec: java SumTwoNumbers  
Sum: 30  
----jGRASP: operation complete.
```

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```
public class SumThreeNumbers {  
    public static void main (String [] args){  
        int num1 = 10;  
        int num2 = 20;  
        int num3 = 30;  
  
        int sum = num1 + num2 + num3;  
  
        System.out.print("Sum: " +sum);  
    }  
}
```

Compile Messages | jGRASP Messages | Run I/O | Interactions

End
Clear
Help
A

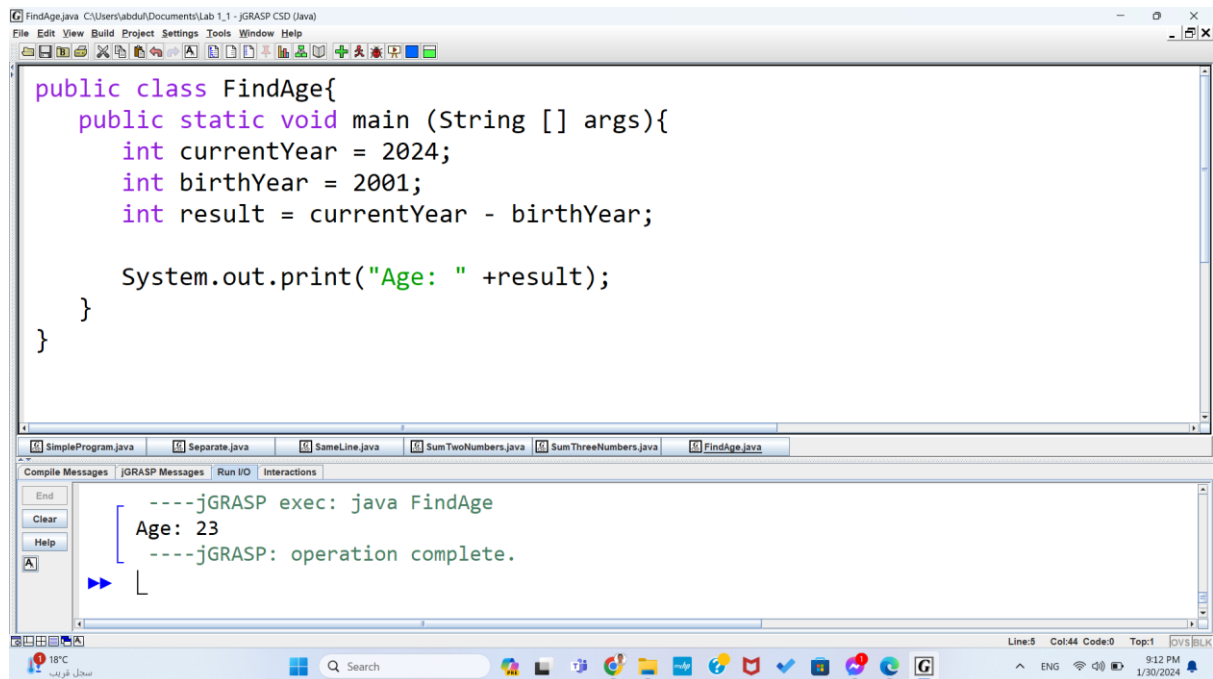
```
----jGRASP exec: java SumThreeNumbers  
Sum: 60  
----jGRASP: operation complete.
```

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```
public class FindAge{  
    public static void main (String [] args){  
        int currentYear = 2024;  
        int birthYear = 2001;  
        int result = currentYear - birthYear;  
  
        System.out.print("Age: " +result);  
    }  
}
```

Compile Messages | jGRASP Messages | Run I/O | Interactions

End
Clear
Help
A

```
----jGRASP exec: java FindAge  
Age: 23  
----jGRASP: operation complete.
```

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