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Batch CSE-06

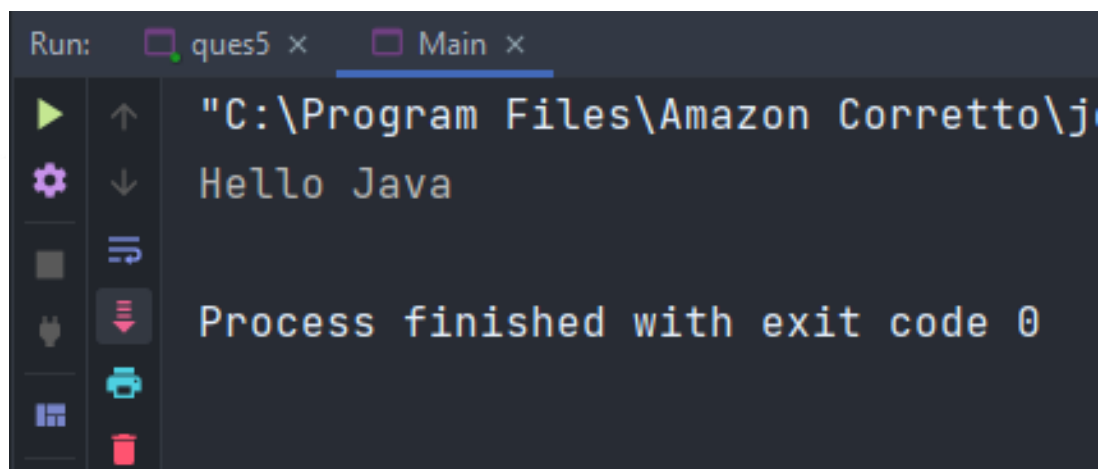
Branch CSE

Subject Web Technology

## Assignment 4

Ques1 WAP which will display Hello Java on the screen.

```
public class ques1 {  
    public static void main(String[] args)  
    {  
        System.out.println("Hello Java");  
    }  
}
```



The screenshot shows a Java IDE console window with two tabs: 'ques5' and 'Main'. The 'Main' tab is active. The console output displays the path 'C:\Program Files\Amazon Corretto\j' followed by 'Hello Java' on the next line. Below this, it states 'Process finished with exit code 0'. The left sidebar contains various IDE icons for running, debugging, and viewing code.

Ques 2 WAP in java which will accept your name from CLI & display on the screen

```
import java.util.Scanner;
```

```
public class ques2 {
```

```
public static void main(String[] args)
```

```
{
```

```
    System.out.println("Name:" + args[0]);
```

```
}
```

```
}
```

Terminal: Local x + ↗

```
PS E:\Web Tech Lab\Java Lab\Lab1\src> javac .\ques2.java
```

```
PS E:\Web Tech Lab\Java Lab\Lab1\src> java ques2 Nikhil
```

```
Name:Nikhil
```

```
PS E:\Web Tech Lab\Java Lab\Lab1\src> 
```

Git TODO Problems Terminal Build

Ques3 WAP in java using scanner class & command line argument which will accept two numbers from keyboard - & display sum of numbers on screen.

```
import java.util.Scanner;
```

```
public class ques3 {
```

```
    public static void main(String[] args) {
```

```
        int myNum1, myNum2, mySum;
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter Num 1: ");
```

```
        myNum1 = sc.nextInt();
```

```
        System.out.println("Enter Num 2: ");
```

```
        myNum2 = sc.nextInt();
```

```
        mySum = myNum1 + myNum2
```

```
        System.out.println("Sum is: " + mySum),
```

```
    }
```

```
}
```

Run: ques3 x

"C:\Program Files\Amazon Corretto\jdk17.0.2\_8

Enter Num 1:

60

Enter Num 2:

40

Sum is: 100

Process finished with exit code 0

Git

Run

TODO

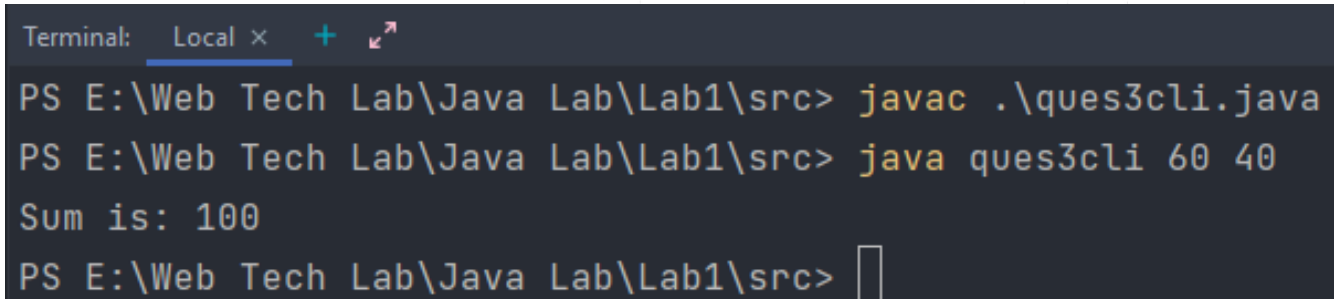
Problems

Terminal

Build

## Using CLI

```
public class ques3cli {  
    public static void main(String[] args) {  
        int num1 = Integer.parseInt(args[0]);  
        int num2 = Integer.parseInt(args[1]);  
        int sum = num1 + num2;  
        System.out.println("Sum is: " + sum);  
    }  
}
```



The screenshot shows a terminal window with the following commands and output:

```
Terminal: Local x + ↗  
PS E:\Web Tech Lab\Java Lab\Lab1\src> javac .\ques3cli.java  
PS E:\Web Tech Lab\Java Lab\Lab1\src> java ques3cli 60 40  
Sum is: 100  
PS E:\Web Tech Lab\Java Lab\Lab1\src> 
```

Git Run TODO Problems Terminal Build

Ques 4 WAP in Java which will accept n numbers from CLI & display total no. of even & odd, sum of even & odd & finally display display Grand total on screen.

Public class ques4 {

public static void main(String[] args)

{

int myEven = 0, myOdd = 0, evenCount = 0, oddCount = 0;

for (int i = 0; i < args.length; i++)

{

int n = Integer.parseInt(args[i]);

if (n % 2 == 0)

myEven = myEven + n; evenCount++;

else

myOdd = myOdd + n; oddCount++;



}

System.out.println("Odd Number Sum: " + myOdd);

System.out.println("Even Number Sum: " + myEven);

System.out.println("Even Count" + evenCount);

System.out.println("Odd Count" + oddCount);

Terminal: Local ×  

```
PS E:\Web Tech Lab\Java Lab\Lab1\src> java ques4 5 10 11 12 13 14
```

```
ODD Number Sum: 29
```







```
Even Number Sum: 36
```

```
Grand Sum: 65
```

```
Even Count3
```

```
Odd Count3
```

```
PS E:\Web Tech Lab\Java Lab\Lab1\src> 
```

 Git  Run  TODO  Problems  Terminal  Build

Ques 5 WAP in java using Scanner class which will accept your Roll No., name & marks of 5 subjects & display the CGPA & grade as per the rule of our KIIT univ.

```
import java.util.Scanner;
```

```
public class ques5
```

```
{
```

```
    public static void main(String[] args)
```

```
    {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter Name: ");
```

```
        String name = sc.nextLine();
```

```
        System.out.println("Enter Roll No: ");
```

```
        int roll = sc.nextInt();
```

```
        int[] marks = new int[5];
```

```
        int cgpa = 0;
```

```
        System.out.println("Enter Marks: ");
```

```
        for(int i=0; i<5; i++)
```

```
        {
```

```
            marks[i] = sc.nextInt();
```

```
            cgpa = cgpa + marks[i];
```

```
        }
```



cgpa = cgpa / 5 ;

if (cgpa  $\geq$  90)

{

System.out.println("Grade O CGPA: " + cgpa);

}

else if (cgpa  $\geq$  80 && cgpa < 90)

{

System.out.println("Grade E CGPA: " + cgpa);

}

else if (cgpa  $\geq$  70 && cgpa < 80)

{

System.out.println("Grade A CGPA: " + cgpa);

}

else if (cgpa  $\geq$  60 && cgpa < 70)

{

System.out.println("Grade B CGPA: " + cgpa);

}

else if (cgpa  $\geq$  50 && cgpa < 60)

{

System.out.println("Grade C CGPA: " + cgpa);

}

```
else if (cgpa >= 40 && cgpa < 50)
```

```
{
```

```
    System.out.println("Grade D CGPA=" + cgpa);
```

```
}
```

```
else
```

```
{
```

```
    System.out.println("Grade Fail CGPA: " + cgpa);
```

```
}
```

```
}
```

```
}
```

```
Run: ques5 x
"C:\Program Files\Amazon Corretto\jdk17
Enter the name:
Nikhil
Enter the roll:
20051523
Enter the marks:
40
56
22
33
41
Grade Fail CGPA= 38
```