

Q1:

```
package Q1;

public class Q1 {
    public static void main(String[] args) {
        int number=10;
        for(int row=1; row<=4;row++){
            for(int col=1; col<=10; col++){
                System.out.print(number+" ");
                number++;
            }
            System.out.println();
        }
    }
}
```

Output:

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-"
10 11 12 13 14 15 16 17 18 19
20 21 22 23 24 25 26 27 28 29
30 31 32 33 34 35 36 37 38 39
40 41 42 43 44 45 46 47 48 49

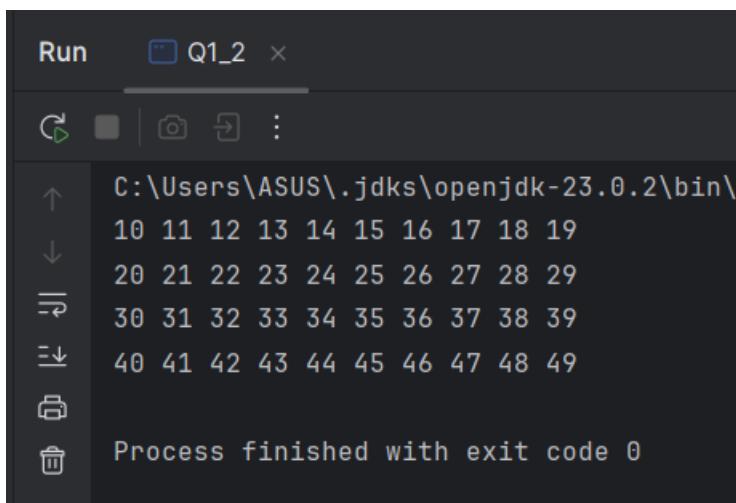
Process finished with exit code 0
```

Q1 Method 2:

```
package Q1;

public class Q1_2 {
    public static void main(String[] args) {
        int count = 0;
        for (int i = 10; i < 50; i++) {
            System.out.print(i + " ");
            count++;
            if (count == 10) {
                System.out.println();
                count = 0;
            }
        }
    }
}
```

Output:



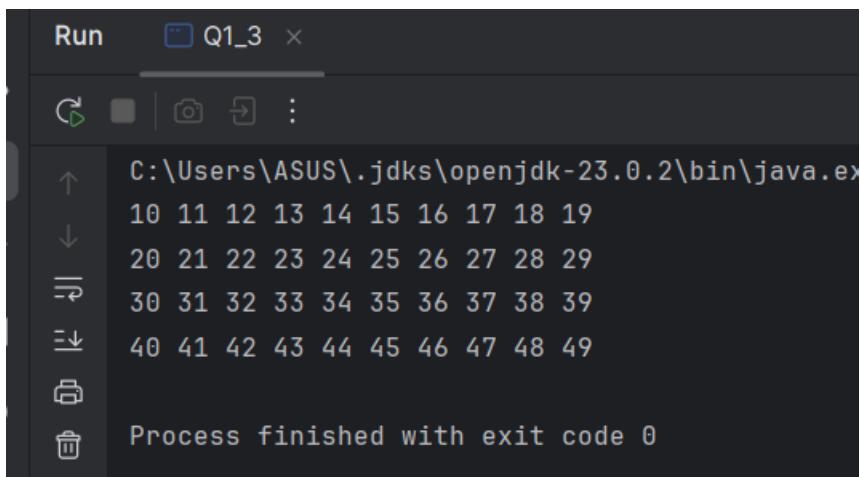
The screenshot shows a terminal window titled "Run Q1_2". The window displays the following text:
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\
10 11 12 13 14 15 16 17 18 19
20 21 22 23 24 25 26 27 28 29
30 31 32 33 34 35 36 37 38 39
40 41 42 43 44 45 46 47 48 49
Process finished with exit code 0

Q1 Method 3:

```
package Q1;

public class Q1_3 {
    public static void main(String[] args) {
        for(int i=10; i<50; i++){
            System.out.print(i+" ");
            if((i+1)%10==0){
                System.out.println();
            }
        }
    }
}
```

Output:



The screenshot shows a terminal window titled "Run" with the process name "Q1_3". The window contains the following text:

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe
10 11 12 13 14 15 16 17 18 19
20 21 22 23 24 25 26 27 28 29
30 31 32 33 34 35 36 37 38 39
40 41 42 43 44 45 46 47 48 49
Process finished with exit code 0
```

Q2:

```
package Q2;

import java.util.Scanner;

public class Q2 {
    public static int countDigit(int number){
        return String.valueOf(number).length();
        //to convert integer to string and getting the length
    }

    public static void main(String[] args) {
        Scanner scanner=new Scanner(System.in);

        while(true){
            System.out.println("Enter an integer(Negative to stop):");
            int input= scanner.nextInt();

            if(input<0){
                System.out.println("Negative number is entered so, programme is terminated");
                break;
            }

            System.out.println("Number of digits :" +countDigit(input));
        }
    }
}
```

Output:

```
Run Q2

C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C
Enter an integer(Negative to stop):
1
Number of digits :1
Enter an integer(Negative to stop):
123
Number of digits :3
Enter an integer(Negative to stop):
4567
Number of digits :4
Enter an integer(Negative to stop):
98076
Number of digits :5
Enter an integer(Negative to stop):
-456
Negative number is entered so, programme is terminated

Process finished with exit code 0
```

Q2 Method 2:

```
package Q2;
import java.util.Scanner;

public class Q2_2{
    public static int countDigit(int number){
        if(number==0){
            return 1;
        }
        int count=0;
        while(number>0){
            number/=10;
            count++;
        }
        return count;
    }
    public static void main(String[] args) {
        Scanner scanner=new Scanner(System.in);

        while(true){
            System.out.println("Enter an integer(Negative to stop):");
            int input= scanner.nextInt();

            if(input<0){
                System.out.println("Negative number is entered so, programme is terminated");
                break;
            }

            System.out.println("Number of digits :" +countDigit(input));
        }
    }
}
```

Output:

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:D:\Program Files\Java\VisualVM\lib\visualvm-agent.jar" -Dfile.encoding=UTF-8 Q2_2
Enter an integer(Negative to stop):
123
Number of digits :3
Enter an integer(Negative to stop):
6789
Number of digits :4
Enter an integer(Negative to stop):
-87
Negative number is entered so, programme is terminated

Process finished with exit code 0
```

Q3:

```
package Q3;

import java.util.Scanner;

public class Q3 {
    public static void main(String[] args) {
        Scanner scanner=new Scanner(System.in);
        System.out.println("Enter an integer:");
        int n= scanner.nextInt();

        System.out.println("*****MULTIPLICATION TABLE OF "+n+"*****");
        for(int i=1; i<11; i++){
            System.out.println(n+"*"+i+"="+i*n);
        }
    }
}
```

Output:

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-Dfile.encoding=UTF-8"
Enter an integer:
10
*****MULTIPLICATION TABLE OF 10*****
10*1=10
10*2=20
10*3=30
10*4=40
10*5=50
10*6=60
10*7=70
10*8=80
10*9=90
10*10=100

Process finished with exit code 0
```

Q4:

```
package Q4;

import java.util.Scanner;

public class Q4 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter number of rows: ");
        int rows = scanner.nextInt();

        for (int i = 1; i <= rows; i++) {
            // print spaces
            for (int j = i; j < rows; j++) {
                System.out.print(" ");
            }
            // print stars
            for (int l = 1; l <= (2 * i - 1); l++) {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}
```

Output:

Q5:

```
package Q5;

import java.util.Scanner;

public class Q5 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter a word or phrase or number or other sequence
characters:");
        String input = scanner.nextLine().replaceAll("[^a-zA-Z0-9]","");
        //This removes everything that is not a letter or digit (i.e., spaces, punctuation,
special characters).

        String reversed="";
        for(int i=input.length()-1; i>=0; i--){
            reversed += input.charAt(i);
        }
        if (input.equals(reversed)) {
            System.out.println("It is a palindrome.");
        } else {
            System.out.println("It is not a palindrome.");
        }//Compares the **original cleaned input** with the **reversed string**-----
` .equals()` checks if they are **exactly the same**.
    }
}
```

Output:

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2023.2.1\lib\idea_rt.jar=5000,localhost:63000" -Dfile.encoding=UTF-8
Enter a word or phrase or number or other sequence characters:
Racecar
It is a palindrome.

Process finished with exit code 0
```

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2023.2.1\lib\idea_rt.jar=5000,localhost:63000" -Dfile.encoding=UTF-8
Enter a word or phrase or number or other sequence characters:
Mirror
It is not a palindrome.

Process finished with exit code 0
```

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2023.2.1\lib\idea_rt.jar=5000,localhost:63000" -Dfile.encoding=UTF-8
Enter a word or phrase or number or other sequence characters:
12321
It is a palindrome.

Process finished with exit code 0
```

Q5 Method 2:

```
package Q5;

import java.util.Scanner;

public class Q5_2 {
    public static void main(String[] args) {
        Scanner scanner=new Scanner(System.in);

        System.out.println("Enter a word or phrase or number or other sequence characters:");
        String input=scanner.nextLine().replaceAll("[^a-zA-Z0-9]","");
        input=input.toLowerCase();

        boolean isPalindrome = true;
        int start = 0;
        int end = input.length() - 1;

        while (start < end) {
            if (input.charAt(start) != input.charAt(end)) {
                isPalindrome = false;
                break;
            }
            start++;
            end--;
        }
        System.out.println(isPalindrome ? "It is a palindrome." : "It is not a palindrome.");
    }
}
```

Q5 Method 2 output:

```
Run Q5_2 ×  
↻ | ⌂ :  
↑ C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Pro  
↓ Enter a word or phrase or number or other sequence characters:  
Madam  
═ It is a palindrome.  
☰  
🖨 Process finished with exit code 0  
🗑
```

```
Run Q5_2 ×  
↻ | ⌂ :  
↑ C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\P  
↓ Enter a word or phrase or number or other sequence characters:  
Property  
═ It is not a palindrome.  
☰  
🖨 Process finished with exit code 0  
🗑 |
```

Q5 Method 3 (Palindrome checker for numbers):

```
package Q5;
//PALINDROME CHECKER FOR NUMBERS

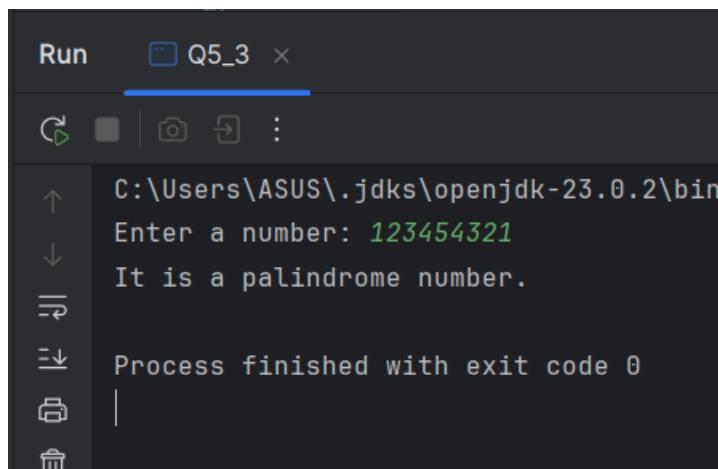
import java.util.Scanner;

public class Q5_3 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int num = scanner.nextInt();
        int original = num;
        int reversed = 0;

        while (num > 0) {
            int digit = num % 10;
            reversed = reversed * 10 + digit;
            num /= 10;
        }

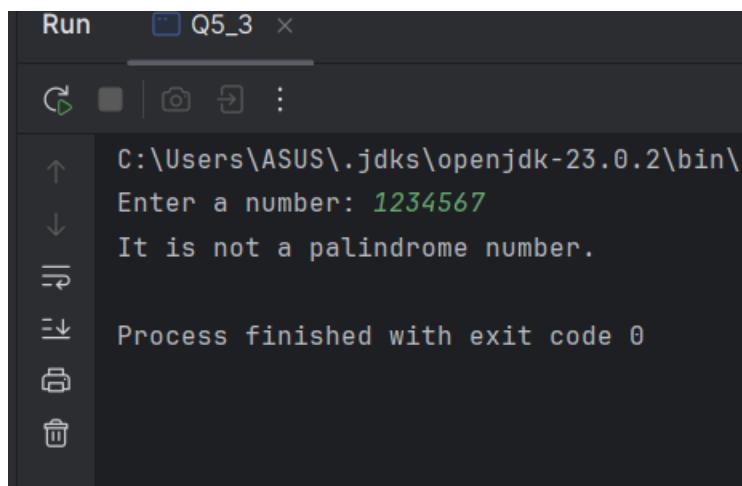
        if (original == reversed) {
            System.out.println("It is a palindrome number.");
        } else {
            System.out.println("It is not a palindrome number.");
        }
    }
}
```

Q5 Method 3 Output:



```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin
Enter a number: 123454321
It is a palindrome number.

Process finished with exit code 0
```



```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\
Enter a number: 1234567
It is not a palindrome number.

Process finished with exit code 0
```

Q5 Method 4(palindrome with recursion):

```
package Q5;

import java.util.Scanner;

public class Q5_4 {
    public static boolean isPalindrome(String s, int start, int end) {
        if (start >= end) {
            return true;
        }
        if (s.charAt(start) != s.charAt(end)) {
            return false;
        }
        return isPalindrome(s, start + 1, end - 1);
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a word or phrase or sequence of characters: ");
        String input = sc.nextLine().replaceAll("[^a-zA-Z0-9]", "").toLowerCase();

        if (isPalindrome(input, 0, input.length() - 1)) {
            System.out.println("It is a palindrome.");
        } else {
            System.out.println("It is not a palindrome.");
        }
    }
}
```

Q5 Method 4 Output:

```
Run Q5_4 ×
↻ | 📸 ↻ : 
↑ C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Program
↓ Enter a word or phrase or sequence of characters: Civic
⇄ It is a palindrome.
☰ Process finished with exit code 0
🖨️ |
🗑
```

```
Run Q5_4 ×
↻ | 📸 ↻ : 
↑ C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Pro
↓ Enter a word or phrase or sequence of characters: Modem
⇄ It is not a palindrome.
☰ Process finished with exit code 0
🖨️ |
🗑
```

Q5 Method 5(String Builder method):

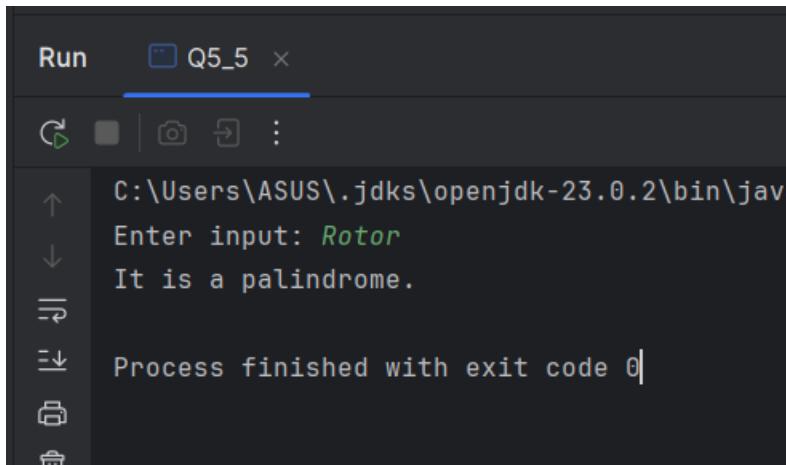
```
package Q5;

import java.util.Scanner;

public class Q5_5 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter input: ");
        String str = sc.nextLine().replaceAll("[^a-zA-Z0-9]", "").toLowerCase();

        StringBuilder sb = new StringBuilder(str);
        System.out.println(str.equals(sb.reverse().toString()) ? "It is a palindrome." : "It is not a
palindrome.");
    }
}
```

Output for method 5:



```
Run Q5_5 ×
C: | ☰ | 📸 | ⌛ | :
↑ C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java
↓ Enter input: Rotor
→ It is a palindrome.
← Process finished with exit code 0
```

Q6:

```
package Q6;

import java.util.Random;
import java.util.Scanner;

public class Q6 {
    public static void main(String[] args) {
        Random random = new Random();
        int randomNum = random.nextInt(100) + 1;
        Scanner input = new Scanner(System.in);
        int guess = 0;

        System.out.println("\uD83C\uDFAF A number between 1 and 100 has been chosen!");
        System.out.println("\uD83E\uDD14 Can you guess it?");

        while (guess != randomNum) {
            System.out.print("Your guess: ");
            guess = input.nextInt();
            int diff = Math.abs(guess - randomNum);

            if (guess == randomNum) {
                break;
            } else if (diff >= 20) {
                System.out.println(guess < randomNum ? "\uD83D\uDCC9 Way too low!" :
"\uD83D\uDCC8 Way too high!");
            } else if (diff >= 10) {
                System.out.println(guess < randomNum ? "\uFE0FA bit low!" : "\uFE0F A bit
high!");
            } else if (diff >= 5) {
                System.out.println(guess < randomNum ? "\uD83D\uDE2C Close, try higher!" : "
\uD83D\uDE2CClose, try lower!");
            }
        }
    }
}
```

```

else {
    System.out.println(guess < randomNum ? "\uD83D\uDD25 Very close! Just a little
higher!" : "\uD83D\uDD25Very close! Just a little lower!");
}

System.out.println("\uD83C\uDF89 Correct! The number was " + randomNum);
}
}

```

Output:

```

C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-
🎯 A number between 1 and 100 has been chosen!
🤔 Can you guess it?
Your guess: 89
✍ Way too high!
Your guess: 78
    A bit high!
Your guess: 76
    🤔 Close, try lower!
Your guess: 75
    🤔 Close, try lower!
Your guess: 74
    🤔 Close, try lower!
Your guess: 72
    🤔 Close, try lower!
Your guess: 70
    🔥 Very close! Just a little lower!
Your guess: 69
    🔥 Very close! Just a little lower!
Your guess: 65
    🔥 Very close! Just a little higher!
Your guess: 66
    🔥 Very close! Just a little higher!
Your guess: 67
    🎉 Correct! The number was 67

Process finished with exit code 0

```

Q6 method 2:

```
package Q6;

import java.util.Random;
import java.util.Scanner;

public class Q6_2 {
    public static void main(String[] args) {

        Random random = new Random();
        int randomNum = random.nextInt(100) + 1;
        Scanner input = new Scanner(System.in);
        pa    int guess = 0;
        int attempts = 0;

        System.out.println("Number between 1-100 selected. Try to guess it!");

        while (guess != randomNum) {
            System.out.print("Guess: ");
            guess = input.nextInt();
            attempts++;

            int diff = Math.abs(guess - randomNum);

            if (guess == randomNum) {
                break;
            } else if (diff > 20) {
                System.out.println(guess < randomNum ? "Too low!" : "Too high!");
            } else if (diff > 10) {
                System.out.println(guess < randomNum ? "Low!" : "High!");
            } else if (diff > 5) {
                System.out.println(guess < randomNum ? "Almost there! Low!" : "Almost there! High!");
            } else {
                System.out.println(guess < randomNum ? "Very close, bit low!" : "Very close, bit high!");
            }
        }
    }
}
```

```

}

System.out.println("Correct! The number was " + randomNum);
System.out.println("You took " + attempts + " guesses.");

// Give a fun ranking
if (attempts <= 3) {
    System.out.println("🟡 Genius Guessers!");
} else if (attempts <= 6) {
    System.out.println("🟢 Smart Player!");
} else {
    System.out.println("🟠 You got there! Keep practicing.");
}

}

}

```

Output:

```

Run Q6_2 ×
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "
Number between 1-100 selected. Try to guess it!
Guess: 34
Too low!
Guess: 78
Very close, bit low!
Guess: 80
Very close, bit high!
Guess: 79
Correct! The number was 79
You took 4 guesses.
🟡 Smart Player!

Process finished with exit code 0
|

```

Output for method 2:

```
Run  Q6_2 ×

C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:D:\Program Files\Java\VisualVM\lib\visualvm-agent.jar" -Dfile.encoding=UTF-8 -jar D:\Study\Java\Q6_2.jar
Number between 1-100 selected. Try to guess it!
Guess: 67
Too high!
Guess: 45
Too high!
Guess: 21
High!
Guess: 11
Very close, bit high!
Guess: 10
Very close, bit high!
Guess: 9
Very close, bit high!
Guess: 8
Very close, bit high!
Guess: 7
Correct! The number was 7
You took 8 guesses.
🌟 You got there! Keep practicing.

Process finished with exit code 0
```

Q6 method 3:

```
package Q6;

import java.util.Random;
import java.util.Scanner;

public class Q6_3 {
    public static void main(String[] args) {
        Random random = new Random();
        int randomNum = random.nextInt(100) + 1;

        Scanner input = new Scanner(System.in);
        int guess = 0;

        System.out.println("I've generated a number between 1 and 100.");
        System.out.println("Try to guess it!");

        while (guess != randomNum) {
            System.out.print("Enter your guess: ");
            guess = input.nextInt();

            int diff = Math.abs(randomNum - guess);

            if (guess == randomNum) {
                break;
            } else if (diff >= 20) {
                System.out.println(guess < randomNum ? "Too low!" : "Too high!");
            }
        }
    }
}
```

continue.....

```
else if (diff >= 10) {
    System.out.println(guess < randomNum ? "Low!" : "High!");
} else if (diff >= 5) {
    System.out.println(guess < randomNum ? "Close, but low!" : "Close, but high!");
} else {
    System.out.println(guess < randomNum ? "Very close, a bit low!" : "Very close, a bit
high!");
}
}

System.out.println("Correct! The number was " + randomNum);
}
```

Output for method 3:

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.
I've generated a number between 1 and 100.
Try to guess it!
Enter your guess: 67
Too high!
Enter your guess: 34
Low!
Enter your guess: 50
Close, but high!
Enter your guess: 47
Very close, a bit high!
Enter your guess: 45
Very close, a bit high!
Enter your guess: 44
Correct! The number was 44

Process finished with exit code 0
```

Q7:

```
package Q7;

import java.util.Scanner;

public class Q7 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a sentence: ");
        String sentence = scanner.nextLine();

        System.out.print("Word to replace: ");
        String word = scanner.nextLine();

        System.out.print("Replacement word: ");
        String replace = scanner.nextLine();

        String[] parts = sentence.split("\\b");
        StringBuilder result = new StringBuilder();

        for (String part : parts) {
            if (part.equalsIgnoreCase(word)) {
                result.append(replace);
            } else {
                result.append(part);
            }
        }

        System.out.println("Updated sentence: " + result.toString());
    }
}
```

Output:

```
Run Q7 ×  
↻ | ⌂ | ⌄ | ⌅ :  
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Pro  
Enter a sentence: I love java, JAVA is powerful and fun.  
Word to replace: java  
Replacement word: python  
Updated sentence: I love python, python is powerful and fun.  
Process finished with exit code 0
```

```
Run Q7 ×  
↻ | ⌂ | ⌄ | ⌅ :  
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe  
Enter a sentence: i have a car  
Word to replace: car  
Replacement word: CAR  
Updated sentence: i have a CAR  
Process finished with exit code 0
```

Q7 method 2:

```
package Q7;

import java.util.Scanner;

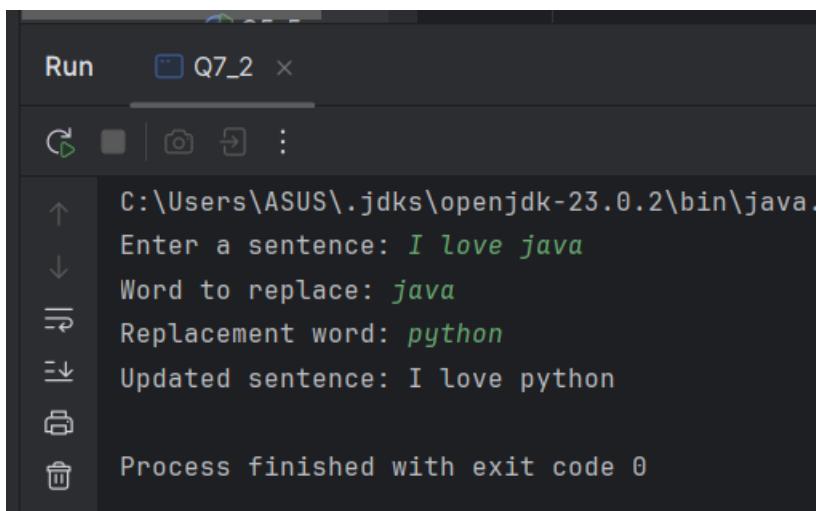
public class Q7_2{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a sentence: ");
        String sentence = sc.nextLine();

        System.out.print("Word to replace: ");
        String oldWord = sc.nextLine();

        System.out.print("Replacement word: ");
        String newWord = sc.nextLine();

        String result = sentence.replace(oldWord, newWord);
        System.out.println("Updated sentence: " + result);
    }
}
```

Output:



```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.
Enter a sentence: I love java
Word to replace: java
Replacement word: python
Updated sentence: I love python
Process finished with exit code 0
```

Q7 method 3:

```
package Q7;

import java.util.Scanner;

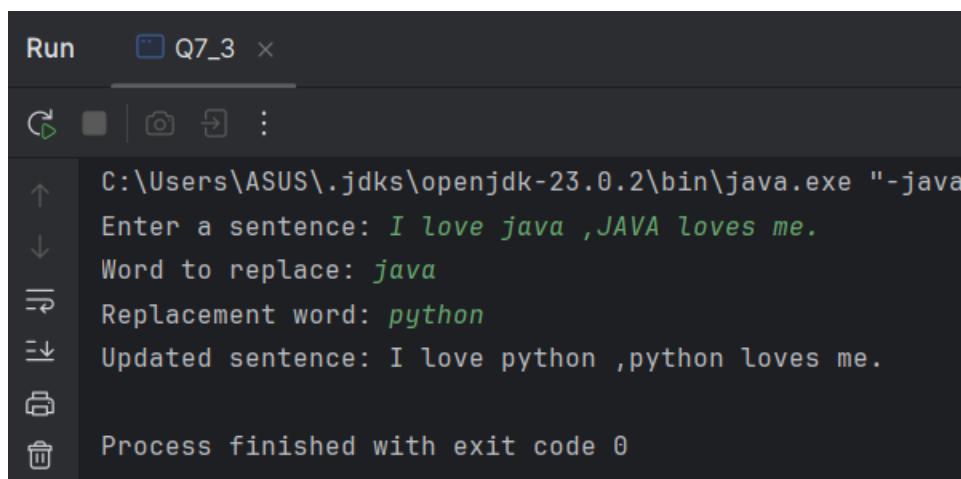
public class Q7_3 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a sentence: ");
        String sentence = scanner.nextLine();

        System.out.print("Word to replace: ");
        String oldWord = scanner.nextLine();

        System.out.print("Replacement word: ");
        String newWord = scanner.nextLine();

        String result = sentence.replaceAll("(?i)\\b" + oldWord + "\\b", newWord);
        System.out.println("Updated sentence: " + result);
    }
}
```

Output:



The screenshot shows a terminal window titled 'Run' with the tab 'Q7_3'. The window contains the following text:

```
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:D:\Program Files\JetBrains\IntelliJ IDEA 2023.2.1\lib\idea_rt.jar" -Dfile.encoding=UTF-8 -jar D:\Program Files\JetBrains\IntelliJ IDEA 2023.2.1\lib\idea_rt.jar
Enter a sentence: I love java ,JAVA loves me.
Word to replace: java
Replacement word: python
Updated sentence: I love python ,python loves me.
Process finished with exit code 0
```

Q7 method 4:(case sensitive)

```
package Q7;
import java.util.Scanner;

public class Q7_4 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Get inputs
        System.out.print("Enter a sentence: ");
        String sentence = scanner.nextLine();

        System.out.print("Word to replace: ");
        String target = scanner.nextLine();

        System.out.print("Replacement word: ");
        String replacement = scanner.nextLine();

        // Split sentence into words
        String[] words = sentence.split(" ");
        StringBuilder newSentence = new StringBuilder();

        boolean foundCaseInsensitive = false;
        boolean foundExactMatch = false;

        for (String word : words) {
            if (word.equals(target)) {
                // Case-sensitive match
                newSentence.append(replacement).append(" ");
                foundExactMatch = true;
            } else {
                // Check if the word matches ignoring case
                if (word.equalsIgnoreCase(target)) {
                    foundCaseInsensitive = true;
                }
                newSentence.append(word).append(" ");
            }
        }
    }
}
```

```

System.out.println("\nUpdated sentence: " + newSentence.toString().trim());

if (!foundExactMatch && foundCaseInsensitive) {
    System.out.println("The word exists with a different case (e.g., '" + target + "' vs '" +
        + capitalizeDifferent(target, sentence) + "') but was not replaced due to case
sensitivity.");
} else if (!foundExactMatch) {
    System.out.println("No exact match of the word '" + target + "' found.");
}
}

// Helper method to find a mismatched case version
private static String capitalizeDifferent(String target, String sentence) {
    for (String word : sentence.split(" ")) {
        if (word.equalsIgnoreCase(target) && !word.equals(target)) {
            return word;
        }
    }
    return target;
}
}

```

Output for method 4:

```

Run Q7_4 ×
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaag
Enter a sentence: Java is fun ,JAVA is powerful.
Word to replace: Java
Replacement word: Python
Updated sentence: Python is fun ,JAVA is powerful.
Process finished with exit code 0

```

```
Run Q7_4 ×
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.2.1\lib\idea_rt.jar" -Dfile.encoding=UTF-8
Enter a sentence: Java is OOP laguaage.
Word to replace: java
Replacement word: JAVA
Updated sentence: Java is OOP laguaage.
The word exists with a different case (e.g., 'java' vs 'Java') but was not replaced due to case sensitivity.

Process finished with exit code 0
```

```
Run Q7_4 ×
C:\Users\ASUS\.jdks\openjdk-23.0.2\bin\java.exe "
Enter a sentence: I love java
Word to replace: python
Replacement word: C
Updated sentence: I love java
No exact match of the word 'python' found.

Process finished with exit code 0
```