```java
package Conditions;
//Challenge: Check if a number is even and divisible by 5.
public class Challenge1 {
	public static void main(String[] args) {
		int n = 5;
		if(n%2==0) {
			System.out.println("The number is even.");
		}
		else {
			System.out.println("The number is odd.");
		}
		if(n%5==0) {
			System.out.println("The number is divisible by 5.");
		}
		else {
			System.out.println("The number is not divisible by 5.");
		}
	}
}
```

```java
package Conditions;
//Challenge: Validate a triangle (sum of angles = 180).
public class Challenge2 {
	public static void main(String[] args) {
		int angle1 = 60, angle2 = 60, angle3 = 60;
    if ((angle1 + angle2 + angle3) == 180) {
      System.out.println("Valid triangle");
    } else {
      System.out.println("Invalid triangle");
    }
		}
}
```

```java
package Conditions;
import java.util.Scanner;
//Challenge: Check if year is a leap year.
public class Challenge3 {
	public static void main(String[] args) {
		Scanner sc = new Scanner(System.in);
    System.out.print("Enter a year: ");
    int year = sc.nextInt();
    if ((year % 4 == 0 && year % 100 != 0) || (year % 400 == 0)) {
      System.out.println(year + " is a Leap Year");
    } else {
      System.out.println(year + " is not a Leap Year");
    }
    sc.close();
		}
}
```

```java
package Conditions;
import java.util.Scanner;
//Challenge: Check character type (vowel/consonant/digit/special).
public class Challenge4 {
	public static void main(String[] args) {
		Scanner sc = new Scanner(System.in);
	System.out.print("Enter a character: ");
	char ch = sc.next().charAt(0);
	if (Character.isLetter(ch)) {
	   char c = Character.toLowerCase(ch);
	   if (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u') {
	      System.out.println("The type of character is: Vowel.");
	   } else {
	      System.out.println("The type of character is: Consonant.");
	   }
	} else if (Character.isDigit(ch)) {
	   System.out.println("The type of character is: Digit.");
	} else {
	   System.out.println("The type of character is: Special Character.");
	}
	sc.close();
	    }
}
```

```java
package Conditions;
import java.util.Scanner;
//Challenge: Check eligibility for vote, driving, and job using conditions
public class Challenge5 {
	public static void main(String[] args) {
		Scanner sc = new Scanner(System.in);
	System.out.print("Enter your age: ");
	int age = sc.nextInt();
	if (age >= 18) {
	    System.out.println("You are eligible to Vote and for driving licencse.");
	    if (age >= 21) {
	   System.out.println("You are not eligible for Job.");
	    }
	    else {
	        System.out.println("You are not eligible for job");
	    }
	}
	    else {
	   System.out.println("You are not eligible to Vote, for driving license and for job.");
	}
	sc.close();
	    }
}
```