**//If statement**

import java.util.Scanner;

class AQEB3 {

public static void main(String[] args)

{

Scanner obj =new Scanner(System.in);

System.out.println("-----if statement program-----");

System.out.println("Please enter a number- ");

int num= obj.nextInt();

if (num >0)

{

System.out.println(num+ " is a positive number");

}

}

}

**//If else statement**

import java.util.Scanner;

class AQEB3 {

public static void main(String[] args)

{

Scanner obj =new Scanner(System.in);

System.out.println("-----if else statement program-----");

System.out.println("Please enter a number- ");

int num= obj.nextInt();

if (num >0)

{

System.out.println(num+ " is a positive number");

}

else

{

System.out.println(num+ " is either 0 or negative");

}

}

}

//If else-if statement

import java.util.Scanner;

class AQEB3 {

public static void main(String[] args)

{

Scanner obj =new Scanner(System.in);

System.out.println("-----if else-if statement program-----");

System.out.println("Please enter a number- ");

int num= obj.nextInt();

if (num >0)

{

System.out.println(num+ " is a positive number");

}

else if (num ==0)

{

System.out.println(num+ " is 0");

}

else

{

System.out.println(num+ " is negative ");

}

}

}

import java.util.Scanner;

class AQEB3 {

public static void main(String[] args) {

Scanner obj = new Scanner(System.in);

String choice;

do {

System.out.println("----- if-else-if statement program -----");

System.out.print("Please enter a number: ");

int num = obj.nextInt();

if (num > 0) {

System.out.println(num + " is a positive number.");

} else if (num == 0) {

System.out.println(num + " is 0.");

} else {

System.out.println(num + " is negative.");

}

System.out.print("Do you want to continue? (yes to continue / no to exit): ");

choice = obj.next();

} while (choice.equalsIgnoreCase("yes"));

System.out.println("Exiting the program. Thank you! ");

}

}