Else If Programs

Write a JavaScript program to Perform arithmetic operation (+, -, \*, /, %) on two numbers?

Output:

function Arr() {

    const num1 = 24;

    const num2= 8;

    const op= prompt("Enter operation");

     let result;

    if(op == "add"){

      result= (`Sum of ${num1} and ${num2} is ${num1+num2}`)

      console.log(`Sum of ${num1} and ${num2} is: ${num1+num2}`)

    }

    else if(op == "subtract"){

        result= (`Subtraction of ${num1} and ${num2} is: ${num1-num2}`)

    }

    else if(op == "multiply"){

        result= (`Multiplication of ${num1} and ${num2} is: ${num1\*num2}`)

    }

    else if(op == "divide"){

        result= (`Division of ${num1} and ${num2} is: ${num1/num2}`)

    }

    else if(op == "modulus"){

        result= (`Modulus of ${num1} and ${num2} is: ${num1%num2}`)

    }

    else{

       result=  "Invalid operation";

    }

   return (

    <div>

        <lable>Perform arithmetic operation on two numbers: <br/><br/></lable>

      {result}

    </div>

  );

  }

  export default Arr;

Output:

Graphical user interface, application, Word

Description automatically generated

2.Write a JavaScript Program to check Input triangle is equilateral, Isosceles or scalene?

function App(){

  const tr1=prompt("Enter  first side of triangle")

  const tr2=prompt("Enter second side of triangle")

  const tr3=prompt("Enter third side of triangle")

  let result;

  if(tr1==tr2 && tr2==tr3)

  {

     result="Triangle is Equilateral triangle";                        // 3 sides are equal //

  }

  else if(tr1==tr2 || tr2==tr3 || tr3==tr1)                             // 2 sides are equal //

  {

    result="Triangle is Isosceles triangle";

  }

  else

  {

    result="Scalene triangle";                                          // no equal sides //

  }

  return (

    <div>

      {result}

    </div>

  );

}

export default App;