

Async program:

```
const async = require("async");

function add(a, b) {
  return new Promise(resolve => {
    setTimeout(() => {
      resolve(a + b);
    }, 2000);
  });
}

function sub(a, b) {
  return new Promise(resolve => {
    setTimeout(() => {
      resolve(a - b);
    }, 2000);
  });
}

function mul(a, b) {
  return new Promise(resolve => {
    setTimeout(() => {
      resolve(a * b);
    }, 2000);
  });
}

function divide(a, b) {
  return new Promise(resolve => {
    setTimeout(() => {
      resolve(a / b);
    }, 2000);
  });
}

function percent(a, b) {
  return new Promise(resolve => {
    setTimeout(() => {
      resolve(a * b / 100);
    }, 2000);
  });
}

}async function output1(x, y) {
  const ans1 = await add(x,y);
  console.log(ans1);
}

async function output2(x, y) {
  const ans1 = await sub(x,y);
  console.log(ans1);
}
```

```
}  
async function output3(x, y) {  
  const ans1 = await mul(x,y);  
  console.log(ans1);  
}  
async function output4(x, y) {  
  const ans1 = await divide(x,y);  
  console.log(ans1);  
}  
async function output5(x, y) {  
  const ans1 = await percent(x,y);  
  console.log(ans1);  
}  
output1(10, 20);  
output2(45, 45);  
output3(10, 20);  
output4(10, 20);  
output5(10,10);
```