// 1, Write a program that takes number as input, print the sum of odd digits in the given number

//input: 54213

//output: 9

let num1=prompt("enter a number1: ");

sum\_odd=0

for(i=0;i<num1.length;i++){

if(num1[i]%2!=0){

sum\_odd=sum\_odd+Number(num1[i])

}

}

console.log(`sum of odd digits=${sum\_odd}`);

//2, Write a program to print the sum of even digits in the given numbers

//input:542

//output: 6

num2=prompt("enter a number2:")

even\_sum=0;

for(i=0;i<num2.length;i++){

if(num2[i]%2==0){

even\_sum+=Number(num2[i]);

}

}

console.log(`sum of even digits=${even\_sum}`);

//3, Write a program to print the difference between even sum and odd sum in the given number.

//input: 16534

//output:1

let num3=prompt("enter a number3: ");

even\_sum=0;

odd\_sum=0;

for(i=0;i<num3.lenght;i++){

if(num3[i] % 2==0){

even\_sum=even\_sum+Number(num3[i])

}

if(num3[i] % 2!==0){

odd\_sum = odd\_sum + Number(num3[i])

}

}

console.log(`Difference between odd\_sum and even\_sum = ${even\_sum-odd\_sum}`);

//4, Write a program to print the largest sum between odd sum and even sum.

//input: 9474 //output: Odd sum is bigger //input: 1658 //output: Even sum is bigger

num4=prompt("enter the number4: ")

odd\_sum=0

even\_sum=0

for(i=0;i<num4.length;i++)

if(num4[i]%2==0){

even\_sum=even\_sum+Number(num4[i])

}

else{

odd\_sum=odd\_sum+Number(num4[i])

}

if(even\_sum>odd\_sum){

console.log("even sum is largest");

}

else{

console.log("odd sum is largest") };