Week-1:

1. **I asked one of my students to write a code to average three numbers. He wrote the following code. Do you think it will work? If no, why not? If yes, write the output for n1=4, n2=15, n3=8.**

let n1 = prompt ("Enter the first number: ");

let n2 = prompt ("Enter the second number: ");

let n3 = prompt ("Enter the third number: ");

let average = (n1 + n2 + n3) / 3;

alert ("the average is: " + average );

1. **Please find out the outputs:**

a=8.0;

b=4.0;

b+=4.0;

c=1.0;

c\*=2;

a/=2.0;

d=10.0;

d-=1;

console.log(a-b);

console.log(a+b);

console.log(a/b);

console.log(a\*b);

console.log(a%b);

console.log(a/b==c);

console.log(a!=c);

console.log(a>c);

console.log(b>=a);

console.log (d<a);

console.log (!(c<=d));

1. Write a piece of code to calculate the area of a triangle. Take height and base of a triangle from the user. and then console.log the output.

Let b=prompt(“Enter base”);

Let h=prompt(“Enter height”);

1. Write a piece of code to greet the user. Take first name and last name from the user and then alert the message like: “Welcome to CIS 111, Kristi Wilkinson”.