

3 PILLAR GLOBAL ASSIGNMENTS

Shruti Verma

JAVASCRIPT ASSIGNMENT

Day: 03

Level: 02

1. `Let b = prompt("Enter base:");
Let h = prompt("Enter height:");
Let area = 0.5 * b * h;
Console.log(`The area of the triangle is ${area}.`);`
2. `Let a = prompt("Enter side a:");
Let b = prompt("Enter side b:");
Let c = prompt("Enter side c:");
Let perimeter = a + b + c;
Console.log(`The perimeter of the triangle is ${perimeter}.`);`
3. `Let l = prompt("Enter length:");
Let h = prompt("Enter height:");
Let area = l * h;
Let perimeter = 2 * l * h;
Console.log(`The area of rectangle is ${area} and perimeter is ${perimeter}.`);`
4. `Let r = prompt("Enter radius:");
Let pi = 3.14;
Let area = pi * r * r;
Let circumference = 2 * pi * r;
Console.log(`The area of the circle is ${area} and circumference is S{circumference}.`);`
5. `Let hours = prompt("Enter hours:");
Let rate = prompt("Enter rate per hour:");
Let pay = hours * rate;
Console.log(`Your weekly earning is ${pay}`);`
6. `Let name = "Shruti";
If(name.length > 7){
 Console.log("your name is long");
} else{`

```
Console.log("your name is short");
```

7.

```
Let firstname = 'Asabaneh';  
Let lastname = 'Yetayeh';  
If(firstname.length > lastname.length){  
    Console.log(`Your first name, ${firstname} is longer than your last name  
    ${lastname}`);  
}
```
8.

```
Let myAge = 250;  
Let yourAge = 20;  
If(myAge > yourAge){  
    Let diff = myAge - yourAge;  
    Console.log(`I am ${diff} years older than you`);  
}
```
9.

```
Let x1 = 2;  
Let y1 = 6;  
Let x2 = 2;  
Let y2 = 10;  
Let m = (y2 - y1) / (x2 - x1);  
Console.log(m);
```
10.

```
Let year = prompt("Enter birth year:");  
Let age = 2020 - year;  
If(age > 18){  
    Console.log(`You are ${age}. You are old enough to drive.`);  
} else{  
    Console.log(`You are ${age}, You will be allowed to drive after ${18-age} years.`);  
}
```