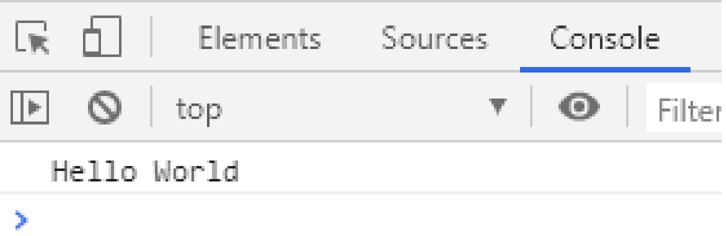
UNIVERSITAS MDP

JAVASCRIPT

KAMPUS
INOVASI

USING CONSOLE

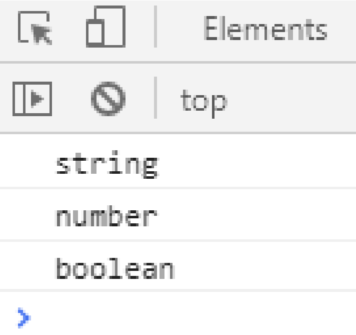
output :



```
Hello World
```

DATATYPES

output :

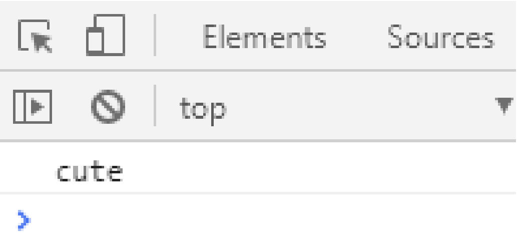


```
string
number
boolean
```

```
var a= “Palembang”;
var b = 42;
var c = true;
console.log(typeof a);
console.log(typeof b);
console.log(typeof c);
```

CONDITIONS

output :



```
cute
```

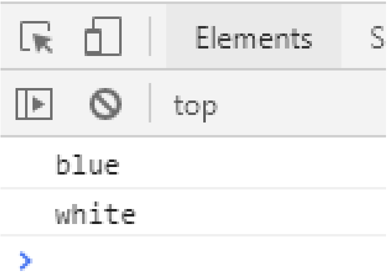
```
var animal = 'kitty';
var result = '';
if (animal === 'kitty')
 { result = 'cute';
} else {
 result = 'still nice';
}
console.log(result);
```

```
var animal = 'kitty';
var result = (animal === 'kitty') ? 'cute' : 'still nice';
console.log(result);
```

```
var animal = 'kitty';
var result = '';
if(animal === 'kitty') result = 'cute‘; else result = 'still nice';
console.log(result);
```

ARRAYS

output :



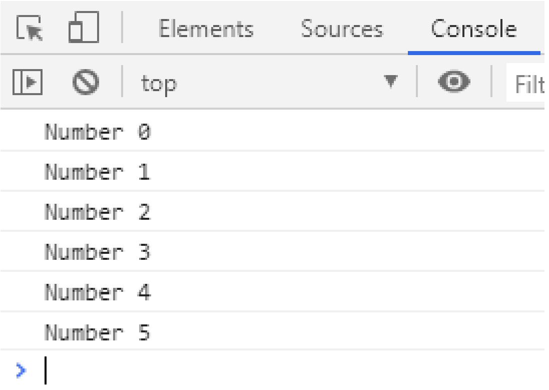
```
blue
white
```

```
var colors = [‘blue’,’red’,’yellow’];
var colors2 = new Array(‘white’,’red’,’custom’);

console.log(colors[0]);
console.log(colors2[0]);
```

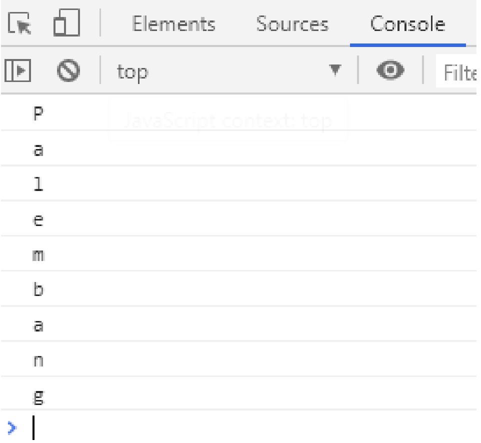
LOOP

output :



```
Number 0
Number 1
Number 2
Number 3
Number 4
Number 5
>
```

output :



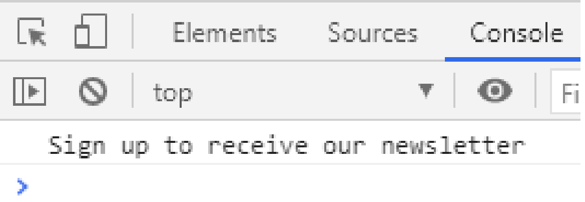
```
P
a
l
e
m
b
a
n
g
>
```

```
for(var i = 0; i <= 10; i++)
 console.log(i);
```

```
var city = ‘Palembang’;
for(let chr of city)
console.log(chr);
```

FUNCTIONS

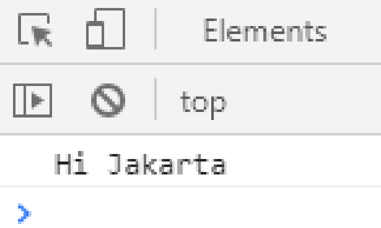
output :



```
Sign up to receive our newsletter
```

```
var msg = 'Sign up to receive our newsletter';
function
    updateMessage()
    { console.log(msg);
}
updateMessage();
```

output :



```
Hi Jakarta
```

```
var msg = (parameter) => 'Hi ' + parameter;
console.log(msg('Jakarta'));
```

FUNCTIONS

```
reduce
var a = [1,2,3,4,5];
var result = a.reduce(function(sum,
 num){ return sum + num;
});
console.log(result);

filter
var ganjil = a.filter(n => (n % 2 !== 0));
console.log(ganjil);

setinterval
setInterval(()=>
{
console.log(‘hi’);
}, 1000);
```

ACCESSING ELEMENTS BY ID

```
<div id="by_id"><span>ID</span></div>
```

```
> document.getElementById("by_id").innerHTML;
<span>ID</span>

> document.getElementById("by_id").textContent;
ID
```

ACCESSING ELEMENTS BY CLASS

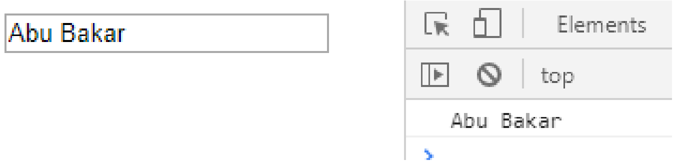
```
<div class="by_class"><span>Class</span></div>
```

```
> document.getElementsByClassName("by_class")[0].innerHTML;
<span>ID</span>

>document.getElementsByClassName("by_class")[0].textContent;
ID
```

ACCESSING ELEMENTS BY NAME

output :



```
Abu Bakar
```

```
Abu Bakar
```

```
<input type="text" name="by_name" value="Abu Bakar" />

console.log(document.getElementsByName("by_name")[0].value)
```

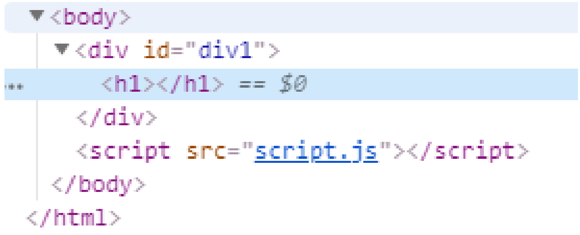
ACCESSING ELEMENTS BY TAGNAME

```
<textarea>Jl. Perintis Kemerdekaan</textarea>
```

```
document.getElementsByTagName(“textarea")[0].value;
Jl. Perintis Kemerdekaan
```

CREATING ELEMENT

output :

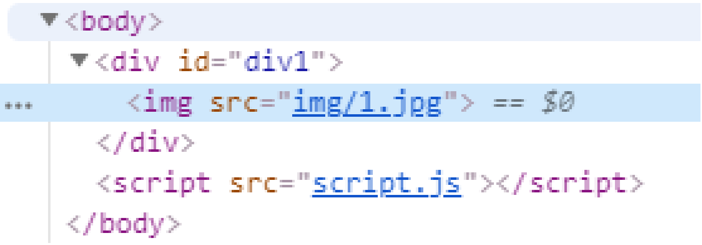


```
▼<body>
  ▼<div id="div1">
      <h1></h1> == $0
    </div>
    <script src="script.js"></script>
  </body>
</html>
```

```
var div1 = document.getElementById('div1');
var judul = document.createElement('h1');
div1.appendChild(judul);
```

SET ATTRIBUTE

output :



```
▼<body>
  ▼<div id="div1">
...     <img src="img/1.jpg"> == $0
    </div>
    <script src="script.js"></script>
  </body>
```

```
var div1 = document.getElementById('div1');
var img = document.createElement(‘img’);
img.setAttribute(‘src’,’img/beach.jpg’);
div1.appendChild(img);
```

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