

**Null**

vs

**Undefined**

vs

**Not Defined**

**Null** vs **Undefined** vs **Not Defined**

  
**Primitive Data type**





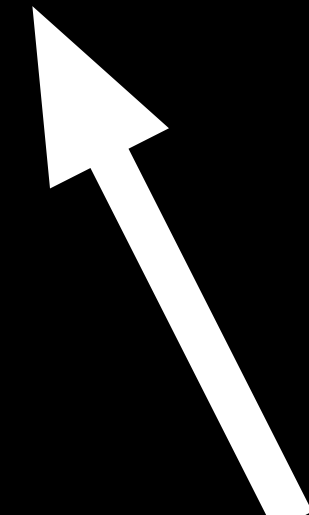
The predefined data types provided by JavaScript language are known as primitive data types

**Null** vs **Undefined** vs **Not Defined**

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**Reference Error**



The predefined data types provided by JavaScript language are known as primitive data types

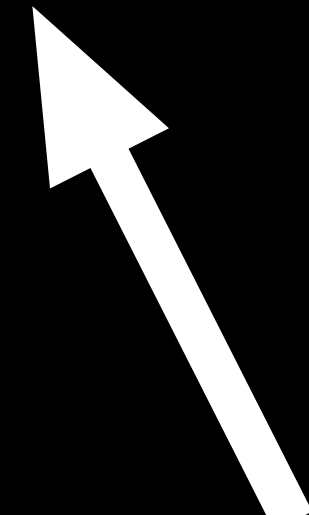
**Number**

**Null** vs **Undefined** vs **Not Defined**

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The predefined data types provided by JavaScript language are known as primitive data types

**Number**

**String**

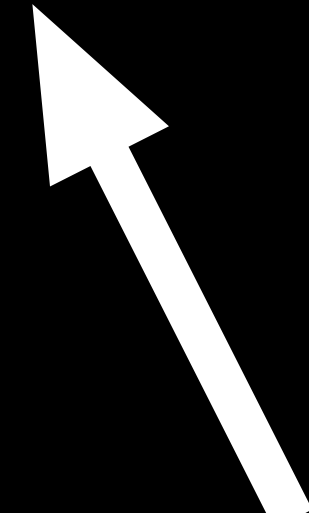
**Null** vs **Undefined** vs **Not Defined**

**Primitive Data type**



```
graph BT; A[Primitive Data type] --> B[Null]; A --> C[Undefined];
```

**Reference Error**



```
graph BT; D[Reference Error] --> E[Not Defined];
```

The predefined data types provided by JavaScript language are known as primitive data types

**Number**

**String**

**Boolean**

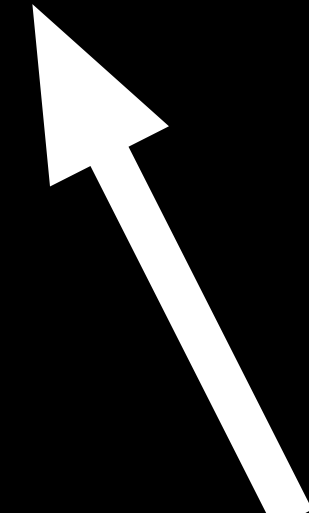
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The predefined data types provided by JavaScript language are known as primitive data types

**Number** **String** **Boolean** **Bigint**

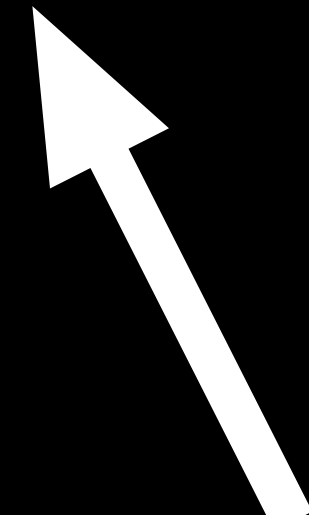


**Null** vs **Undefined** vs **Not Defined**

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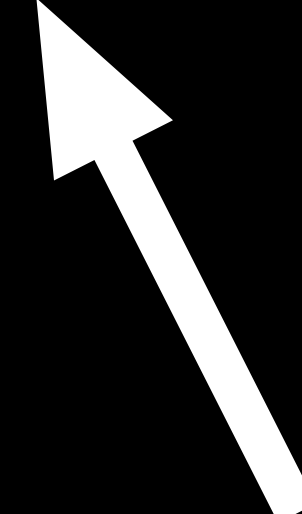
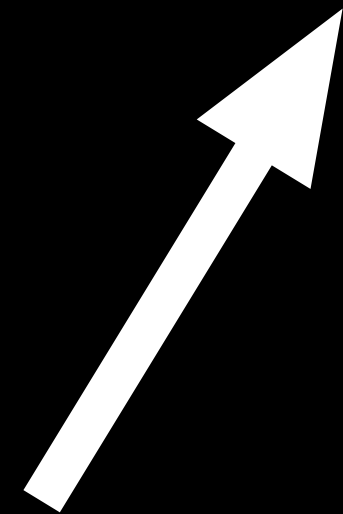
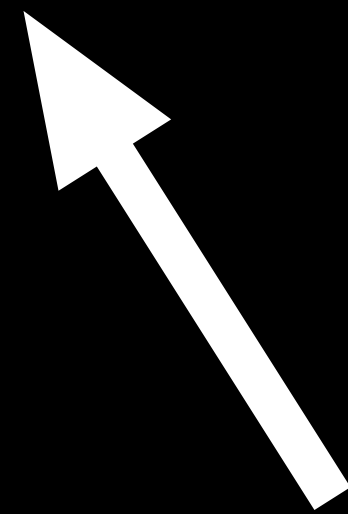
**Reference Error**



The predefined data types provided by JavaScript language are known as primitive data types

**Number** **String** **Boolean** **Bigint** **Symbol**

**Null** vs **Undefined** vs **Not Defined**



**Primitive Data type**

**Reference Error**

The predefined data types provided by JavaScript language are known as primitive data types

**Number**

**String**

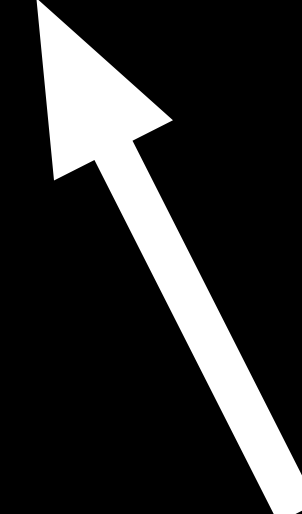
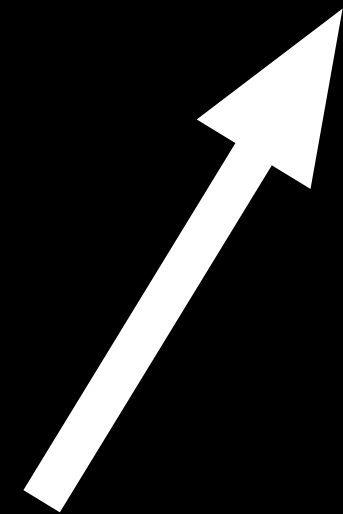
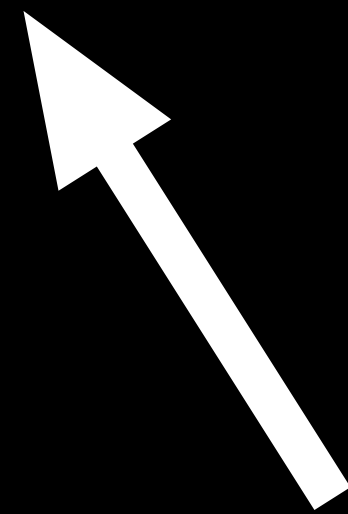
**Boolean**

**Bigint**

**Symbol**

**Null**

**Null** vs **Undefined** vs **Not Defined**



**Primitive Data type**

**Reference Error**

The predefined data types provided by JavaScript language are known as primitive data types

**Number**

**String**

**Boolean**

**Bigint**

**Symbol**

**Null**

**Undefined**



```
> console.log(total)
```

✖

▶ Uncaught ReferenceError: total is not defined  
at <anonymous>:1:13

[VM211:1](#)

```
>
```

# Undefined

undefined is a primitive value that is automatically assigned to variables that have been declared but have not been assigned a value

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JS sample.js ●

Users > prakashshukla > Desktop > JS sample.js > ...

1

2   var result;

3   console.log(result);

4

5

6

# Undefined

undefined is a primitive value that is automatically assigned to variables that have been declared but have not been assigned a value

JS sample.js ●

Users > prakashshukla > Desktop > JS sample.js > ...

1  
2  
3  
4  
5  
6

```
var result = undefined;
```

# Null

JavaScript primitive type `null` represents an intentional absence of a value.



# Null

JavaScript primitive type `null` represents an intentional absence of a value.

JS sample.js ●

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1

2 `var result = null;`

# Notdefined

In JavaScript, “not defined” refers to a reference error that occurs when attempting to access variables or identifiers that are not declared or do not exist within the current scope

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JS sample.js ●

Users > prakashshukla > Desktop > JS sample.js

1

2 console.log(result);

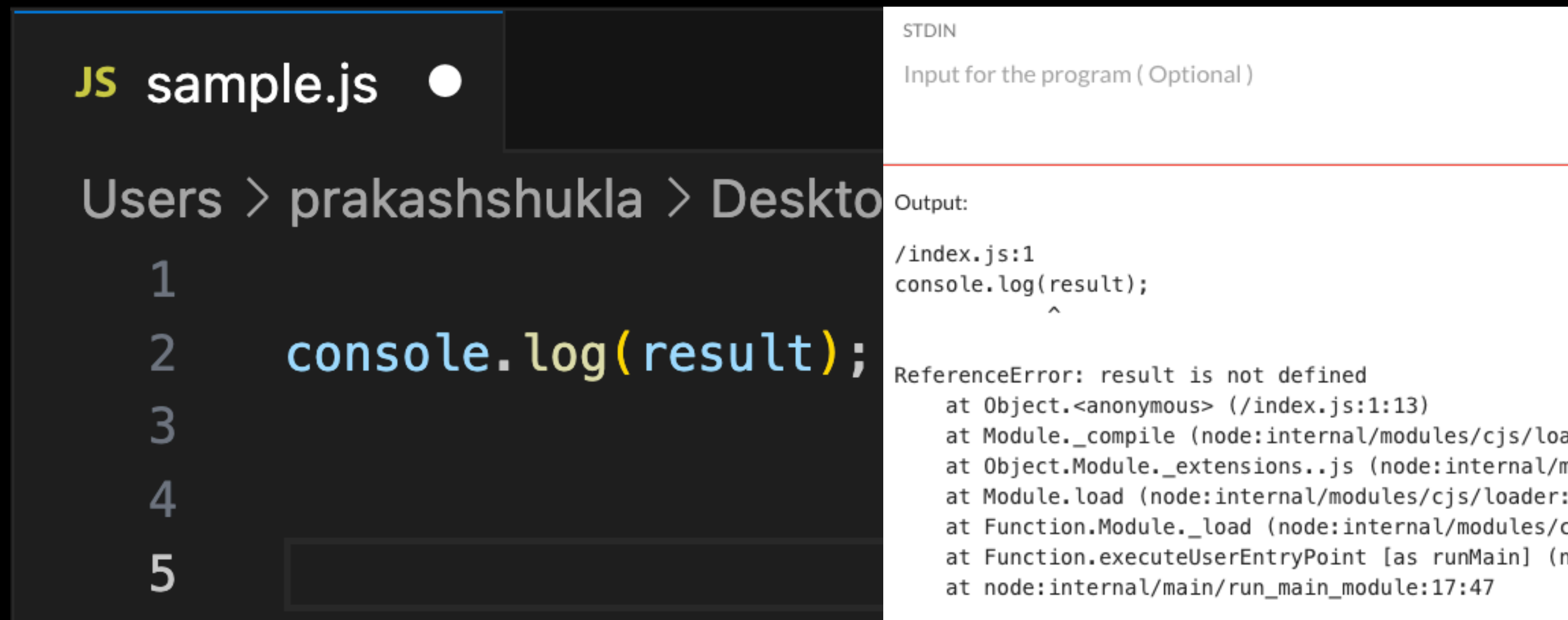
3

4

5

# Notdefined

In JavaScript, “not defined” refers to a reference error that occurs when attempting to access variables or identifiers that are not declared or do not exist within the current scope



```
JS sample.js ●

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1
2 console.log(result);
3
4
5
```

```
STDIN
Input for the program ( Optional )

Output:
/index.js:1
console.log(result);
              ^
ReferenceError: result is not defined
    at Object.<anonymous> (/index.js:1:13)
    at Module._compile (node:internal/modules/cjs/loader:1047:14)
    at Object.Module._extensions..js (node:internal/modules/cjs/loader:1068:10)
    at Module.load (node:internal/modules/cjs/loader:937:32)
    at Function.Module._load (node:internal/modules/cjs/loader:758:12)
    at Function.executeUserEntryPoint [as runMain] (node:internal/main/run_main_module:17:47)
```