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Devi

10:04 5G

Trolls Band Together

7.7/10 410 Votes >

2D, MX4D 3D, ICE, 4DX 3D, 3D | ENGLISH

1h 32m • Animation, Comedy, Fantasy • U • 17 Nov, 2023

Poppy discovers that Branch and his four brothers were once part of her favorite boy band. When one ...more

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Add your rating & review
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Summary of 176 reviews. Tap a hashtag to read more.

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10:03 5G

Napoleon

7.7/10 1K Votes >

2D, MX4D, ICE, 4DX, IMAX 2D, 2D SCREEN X | English, Hindi

2h 40m • Action, Drama, Historical • A • 24 Nov, 2023

Napoleon is a spectacle-filled action epic that details the checkered rise and fall of the iconic Fr ...more

→ trimmed desc

Trending 16.33K tickets booked in last 24 hours

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Render Movie

offer

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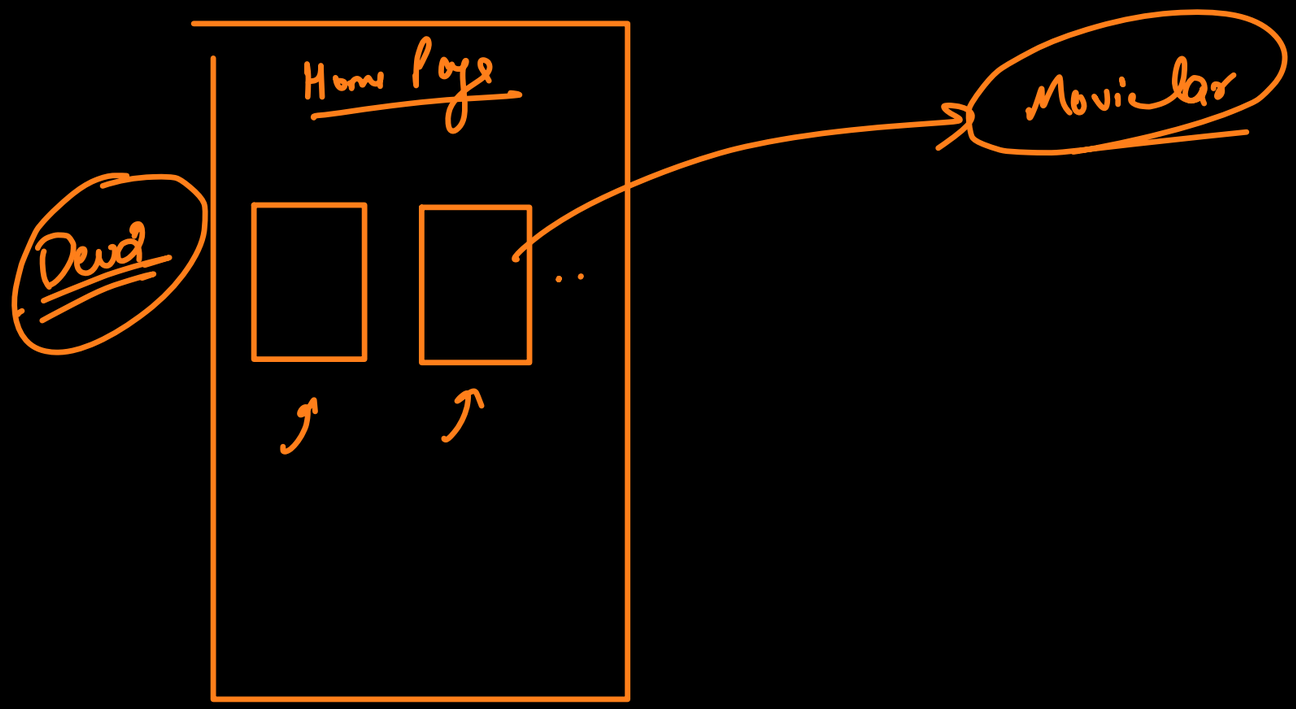
factor of reusability → DRY principle

Don't Repeat Yourself



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Dev2

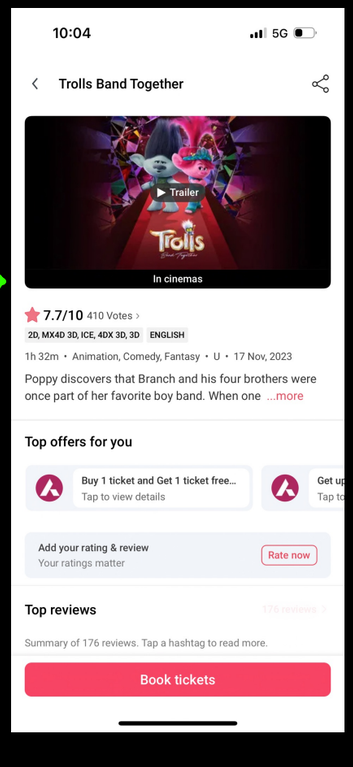
doesn't need to know algo

movie info

needs to know what data to pass

Black Box

This black box has algo to render the UI

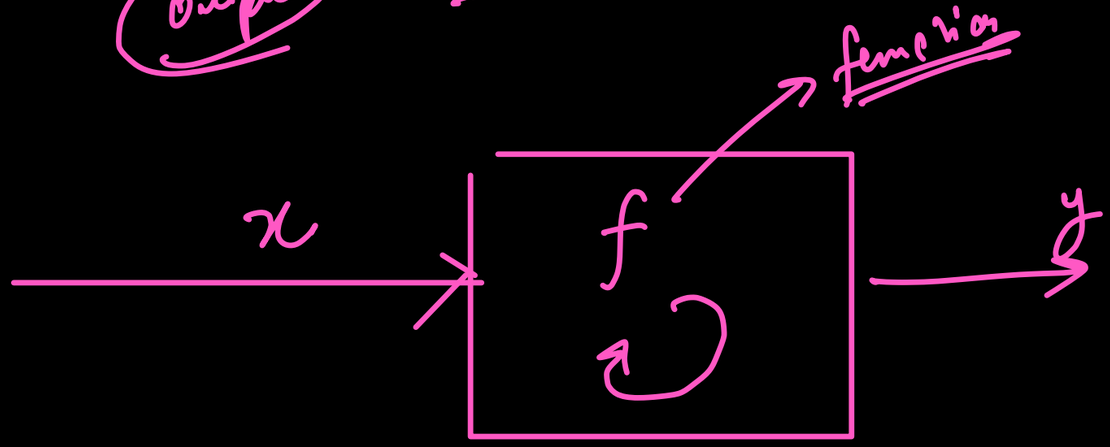


x x y

Functions

output $y = f(x)$ input

$f \rightarrow$ Sqrt



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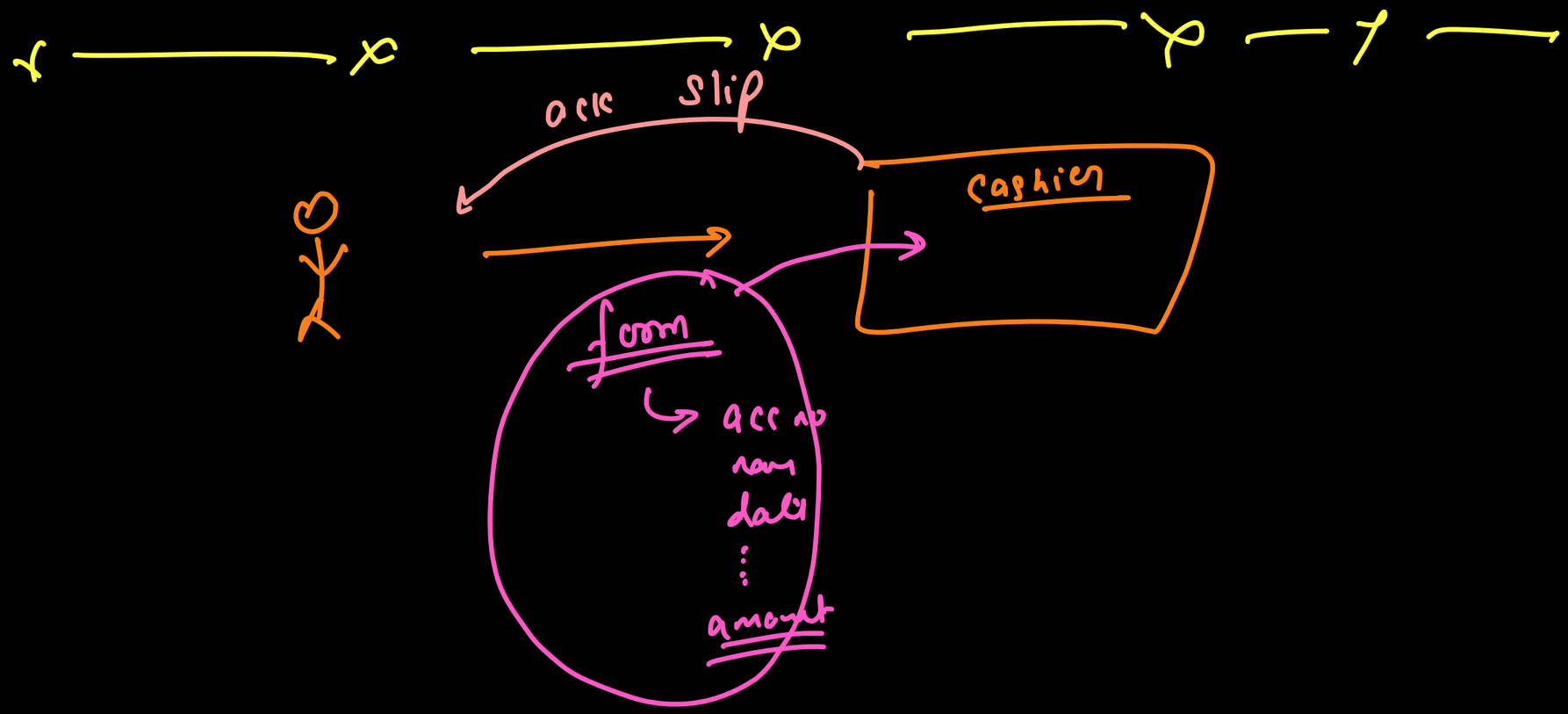

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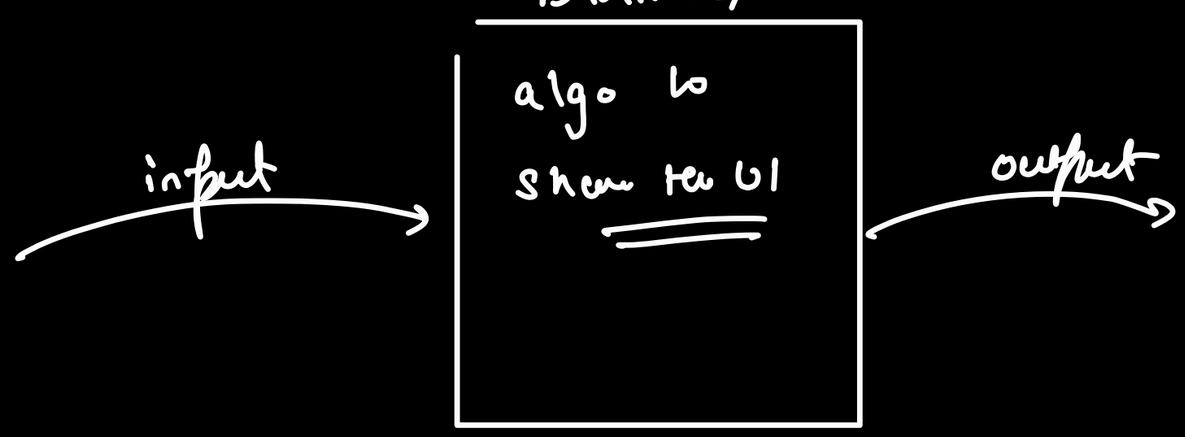
Functions

→ most of the prog lang has got concept of func^n.

→ func^n help us to implement DRY principle.

→ functions help us to wrap a piece of code together and reuse it wherever reqd.

→ we can call func^n to execute the logic they're wrapped



→ Some func^n might not need any input e.g.

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Q> how to code it ?2

keyword

function nameOfTheFunction (p1, p2, p3....) {

input → non mandatory

logic /body

return output; }

}

keyword

In JS the return statement is also not mandatory. If you donot write a return statement, the func" automatically returns undefined.

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```
console.log("Sanket");
```

↳ Black box

How to call a func^n ??

```
result = nameOfTheFunction( input )
```

↶

result o/p is stored in the variable

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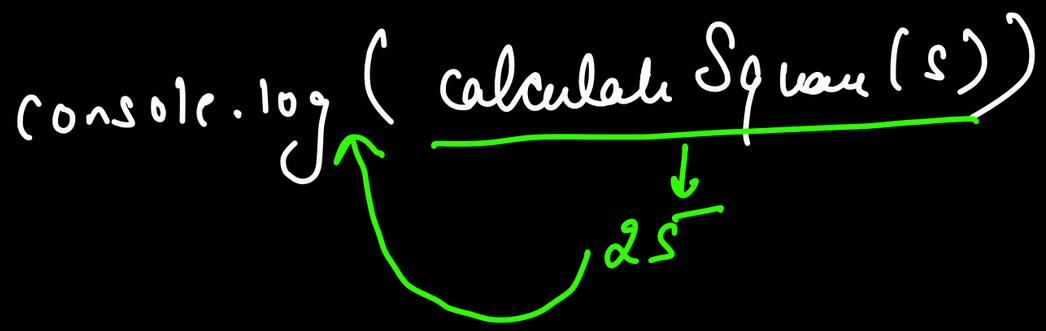

$f(g(x))$

→ a lot of times you will see people doing console.log inside the func^n instead of returning a value.

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sign in ⟶ if (premiumMember()) {

} else {

}

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Arguments & Parameters To a func^n

you can give multiple parameters comma separated

```
function nameOfTheFunction(p1, p2, p3....) {
    logic /body
    return output;
}
```

parameters

func^n definition

when we define a function, we define the input values, that the func^n expects. These are not actual values instead just a placeholder that will later store actual values when func^n is called.

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calculateSquare(9); ← func^ call

↳ this is an actual i/p we are passing to the func^.

this is an argument.

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Q:- Write a function to calculate sum of some numbers passed as an argument. Return the sum as output.

↳ how to handle any no. of args.

```
addNumbers();      // 0
addNumbers(2,3);   // 5
addNumbers(1,1,1,1,1,1);  // 6
```

↓

We don't know how many arguments will come up.
How to decide how many parameters to write in the function logic ??

→ variable arguments
- arguments keyword
- spread operator (...)
  ↳ hold

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arguments gives us access to a special object that supports array like syntax, and can be used to fetch all variable args.

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