

MAKING A SIMPLE TODO LIST APP

WITH **WEBBLOCKCRAFT**

GUIDE BOOK



App Under Development

Thank you for participating in the user testing of our app. As this app is currently under development, please be aware that you may encounter various issues and some features may not function as intended. Your feedback is crucial in helping us identify and address these areas for improvement. We greatly appreciate your understanding and support.

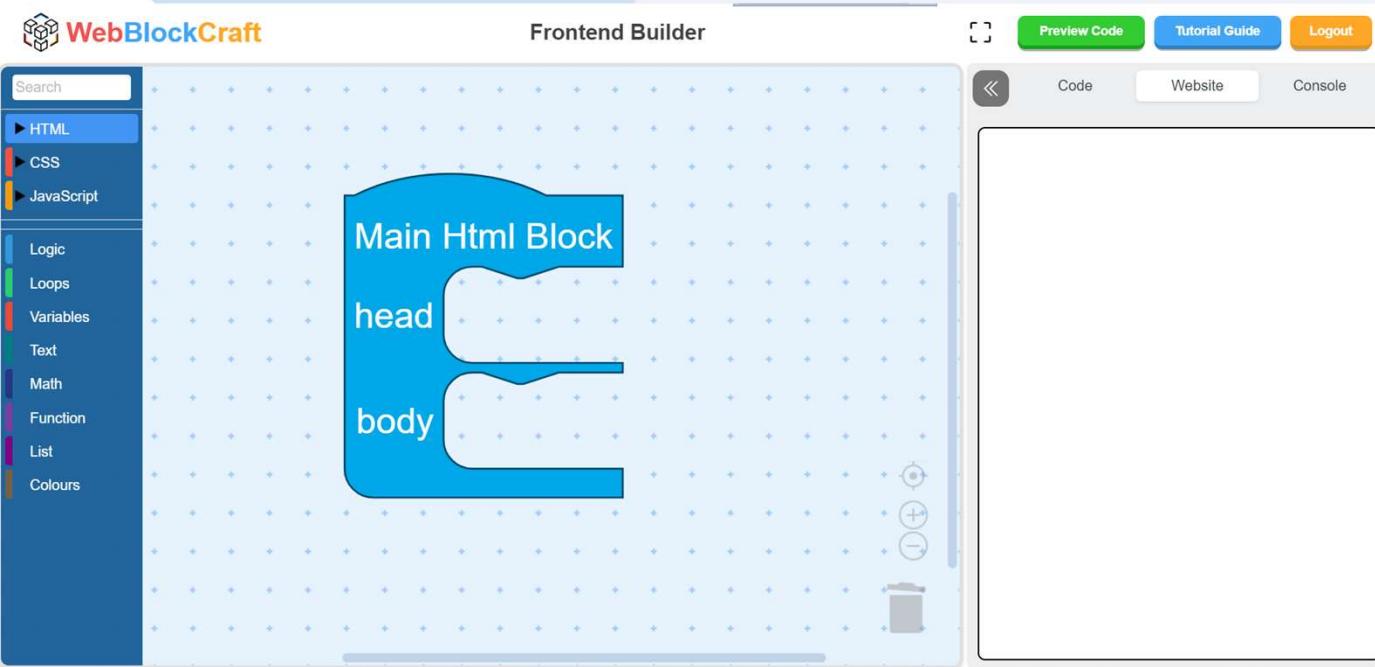
අපගේ යොදුමේ පරිශීලක පරීක්ෂණයට සහභාගී වීම ගැන ඔබට ස්තුතියි. මෙම යොදුම දැනට සංවර්ධනය වෙමින් පවතින බැවින්, ඔබට විවිධ ගැටළ වලට මූහුණ දීමට සිදු විය හැකි අතර සමහර විශේෂාංග අජේක්ෂිත පරිදි ක්‍රියා නොකරනු ඇති බව කරුණාවෙන් සලකන්න. ඔබගේ ප්‍රතිපෝෂණය ඉතා අගනා වන අතර යොදුම වැඩිදියුණු කිරීමට අපට උපකාරී වනු ඇත. ඔබගේ අවබෝධය සහ සහයෝගය අපි අගය කරමු.



LETS START WITH **HTML**

HTML is like the skeleton of our website

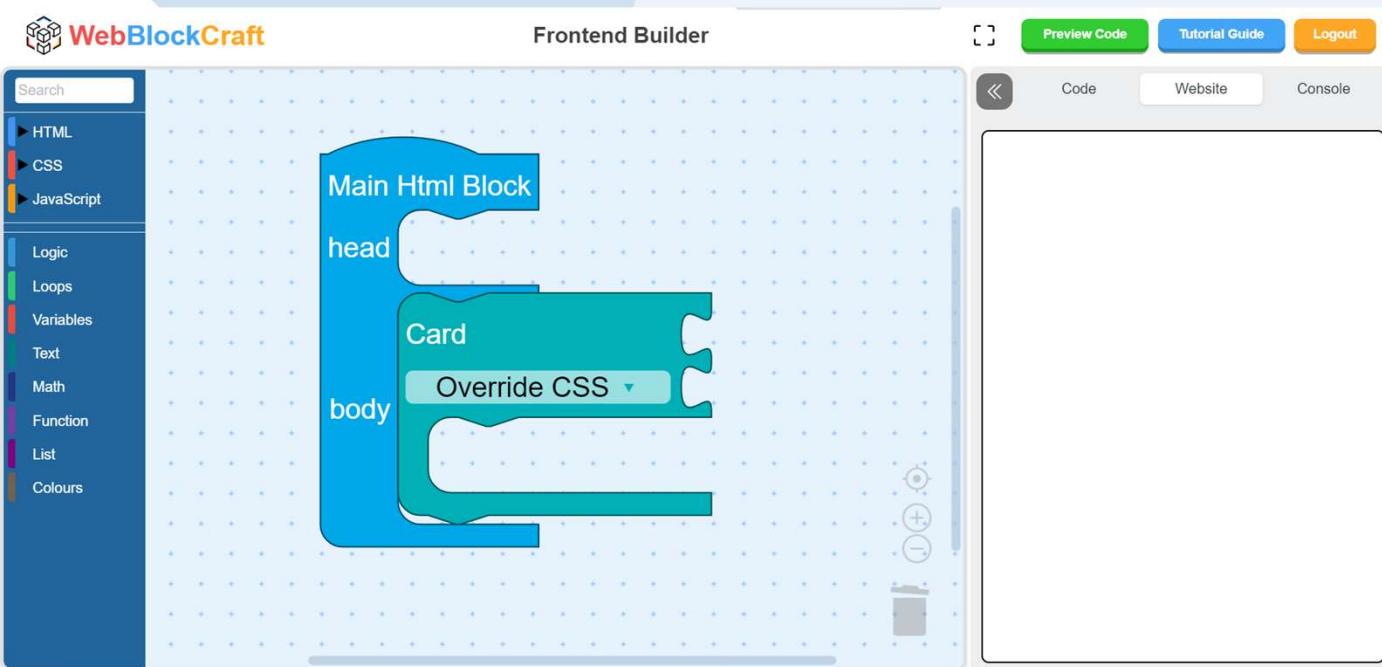
Step 01 (HTML)



The very first block you need to add is this Main HTML Block. You can find this from HTML menu.

මුලින්ම HTML block එකක් දාගන්ත ඕනෑ. මේක හොයාගන්ත පුළුවන් HTML කියල තියන menu එකෙන්.

Step 02 (HTML)



Let's add a Card Block. You can find this from the HTML > Premade menu. Drag it and place it inside the Body section of the HTML block.

Make sure to set the card to **Override CSS**

ර්ලගට Card Block එකක් දාගන්න. HTML menu එක් Premade කියලා තව එකක් තියනවා. එතන තම් මේක තියෙන්නේ. මේ block එක දාල ඉවර උනාම එක Override CSS කියන එකට select කරන්න.

Step 03 (HTML)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, a sidebar lists categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." with a save icon. The main workspace is titled "Frontend Builder" and contains a "Main Html Block" with a "head" section containing a "Card" block. The "Card" block has an "Override CSS" dropdown set to "Biggest". Inside the "Card" block is a "Heading" block with the text "Your Todo List" and a "Text" block with the placeholder "Enter Text". On the right, a preview window titled "Your Todo List" shows a simple card with a heading and a text input field. Top navigation includes "Preview Code", "Tutorial Guide", and "Logout".

Now grab a Heading tag from HTML > Text menu and place it inside the Card block. If you like, you can change the heading size from the drop-down menu.

Heading block එකෙන් කරන්නේ මාතංකාවක් දාන එක. මේක තියෙන්නේ HTML මෙනු එක් Text කියන menu එක ඇතුළේ. කැමති නම් heading block එකෙන් ප්‍රමාණය වෙනස් කරන්න පුළුවන්.

Step 04 (HTML)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, a sidebar lists categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A green banner at the bottom left says "All changes are saved." and features a document icon. The main area is titled "Frontend Builder" and contains a "Main Html Block" with a "Card" component. Inside the Card, there is a "Heading" set to "Biggest" and the text "Enter Text Your Todo List". Below this is an "Input Field Type" dropdown set to "Text" with the value "Name". An "Override CSS" button is also present. To the right, a preview window titled "Your Todo List" shows a simple form with a text input field. Top navigation includes "Preview Code", "Tutorial Guide", and "Logout".

Ok now let's add an Input box. You can find this from the HTML > Premade menu. Or just search for it that's easier.

Make sure to set it as **Override CSS**.

දැන් දාගමු Input Box එකක්. මෙක තියෙන්නෙත් අර Premade කියන මෙනු එක්. මෙහෙම මෙනු එක හොයන එක අමාරු වගේ නම Block එක් නම search box එක් search කරන්න. මෙතනදීත් මතක ඇතුව Override Css කියන එක select කරන්න.

Step 05 (HTML)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, a sidebar lists categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A yellow bar at the bottom indicates 'New unsaved changes' with a clock icon. The main area is titled 'Frontend Builder' and contains a 'Main Html Block' with a 'head' section containing a 'Card' block. The 'Card' block has an 'Override CSS' dropdown set to 'Biggest'. Inside the card, there is a 'Heading' block with the text 'Your Todo List' and an 'Input Field Type' block set to 'Text' with the name 'Name'. Below these is another 'Override CSS' dropdown. At the bottom of the card is a 'Button' block with the color 'orange', name 'Add Task', and an 'Override CSS' dropdown. To the right, a preview window titled 'Your Todo List' shows a simple form with an input field and a button labeled 'Add Task'.

Now add a Button below it and set it to **Override CSS**. This just means that we don't want to use the default styles that comes with the block.

Button block එකක් දාමු ජේගට. එකත් Override Css කියලා select කරන්න. override කියල මෙතැනදී වෙන්නේ block එකේ දැනටම තියන Styles වික යන එක.

Step 06 (HTML)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with a search bar and categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." with a save icon. The main area is titled "Frontend Builder" and shows a "body" element containing a "Card" component. Inside the Card, there's a "Heading" set to "Biggest" and "Enter Text" set to "Your Todo List". Below that is an "Input Field Type" set to "Text" with "Name" set to "Name". There's also a "Button" component with "orange" color and "Name" set to "Add Task". At the bottom of the Card, there's a "Box" component with "Guide Border" checked, "Justify" set to "normal", and "Gap" set to "0". On the right side of the builder, there's a preview window titled "Your Todo List" showing a simple form with an input field and a "Add Task" button.

Now let's add a Box container. This is where we will show our list items. Don't worry when we add the styles you will see what exactly we are making.

Box එකක් දාමු රේලුගට. මෙක ඇතුළු තමයි අඟේ list Items වික පෙන්නන්නේ. දැන් නිකන් කිසි දෙයක් තෝරුනේ නෑ වගේ ද? බය වෙන්න එපා අඟේ CSS දානගොට තෙරෙයි මොකදීද හදන්නේ කියලා.

Step 07 (HTML)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, and Variables. A yellow bar at the bottom indicates "New unsaved changes". The main area is titled "Frontend Builder" and shows a "body" section with a "Your Todo List" header. Inside the body, there are several blocks: an "Input Field Type" block set to "Text" with "Name" and "Override CSS" options; a "Button" block set to "orange" with "Name" and "Add Task" options; a "Box" block with "Justify" set to "normal" and "Gap" set to "0", also with "Override CSS" options; and a "Heading" block set to "heading 3" and an "Enter Text" block with "List Items". To the right, a preview window shows a "Your Todo List" page with a text input field and a button labeled "Add Task". Below the input field is a section titled "List Items".

Add a Heading Block inside of the Box and give it a name like “List Item” or anything you like.

තව heading block එකක් දාල එකේ තම "list item" කියලු type කරන්න. ඕනෑම කැමති තමක් දෙන්න.

Step 08 (HTML)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, and Variables. A message at the bottom says "All changes are saved." In the center, the "body" section contains several blocks: an "Enter Text" block labeled "Your Todo List", an "Input Field Type" block set to "Text" with "Name" and "Override CSS", a "Button" block set to "orange" with "Name" "Add Task" and "Override CSS", a "Box" block with "Justify" "normal" and "Gap" "0", and an "Ordered List" block with "Type" "1" and "properties". To the right, a preview window shows a simple web page titled "Your Todo List" with an input field and a button labeled "Add Task".

Ok finally let's add an Ordered List Block. You can find this from HTML > Lists menu. Now we are done. This is our skeleton. But it looks ugly right?

අන්තිමට දාන්ත තියෙන්නේ Ordered List කියන block එක. මේ Block එකෙන් කියන්නේ අර්ථ List එකට පිළිවෙළක් තියනවා කියල. 1. 2. 3. වගේ. එතකොට මේ blocks විකෙන් අඩු කරේ ඇටසැකිල්ල වගේ එකක් හදුනු එකයි. එත් විකක් කැතයි වගේ නේද?



LETS ADD SOME STYLES

CSS Styles are like the cloths we wear

Step 01 (CSS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, a sidebar lists categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main workspace is titled "Main Html Block" and contains a "head" section with a "Card" block and a "body" section with an "Input Field Type" block, a "Button" block, and a "Box | Guide Border" block. The "Box | Guide Border" block has a dropdown menu open, showing options: "Default CSS" (which is checked), "Add CSS", "Override CSS", and "Class / ID". Red arrows point from the text "Override CSS to Default CSS" in the previous slide to the "Default CSS" option in this menu. To the right, a preview window shows a "Your Todo List" page with a search bar, an "Add Task" button, and a list items section.

Now for the fun part. First let's change the Override CSS to Default CSS. This will give us the default styles of each of the blocks.

දැන් තමයි හොඳ වික. Styles අලා ලස්සන කරන එක. ඉසෙල්ලා ඇර Override CSS කියල අපු වික මාරු කරමු Default CSS කියන එකට. මේකෙන් blocks වල දැනටම තියන style වික අපහු එනවා.

Step 02 (CSS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. Below it, a message says "All changes are saved." In the center, there's a code editor with a "body" tag containing various blocks: "Enter Text Your Todo List", "Input Field Type Text Name", "Button orange Name Add Task", "Box | Guide Border Justify normal Gap 0", "Heading heading 3", "Enter Text List Items", and "Ordered List Type 1 properties". To the right is a preview window titled "Your Todo List" showing a simple form with a text input and a button. A red circle highlights the "Add Styles here" button in the CSS menu.

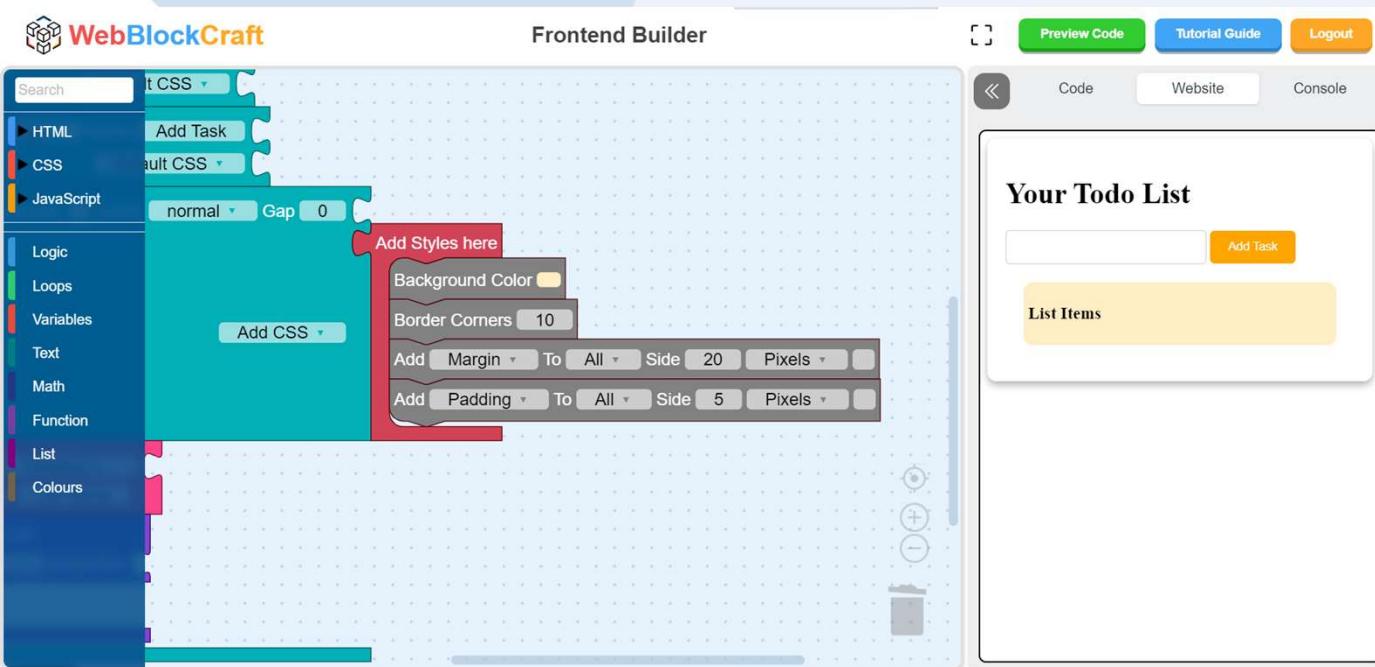
Change the Box block to **Add CSS**. This means we can add our own styles on top of the default styles. Also add a style block like shown in the picture. This is where you add your styles. You can find it from CSS menu.

This is just one way to add styles.

මෙතන එක මාරු කරන්න "Add CSS" කියලා. එකෙන් වෙන්නේ දැනටම තියන style වලට අඩවිත තව styles දාන්න පූජ්‍යවන්. ර්ලගට ඇර රතු පාට block එකත් දාන්න. මෙක ඇතුළේ තමයි අපේ styles වික දාන්නේ.

අනින් එක තමයි මේ නියෙන්නේ style දාන එක විදියක් විතරයි.

Step 03 (CSS)



Now Add some styles to it. Background Color / border corners / margin and padding. Make sure to put the values that are shown above.

දැන් එකට styles විකක් දාමු. මෙතන තියන styles වික නොයාගන්න පූලවන් CSS කියන menu එකෙන්. උඩ photo එක් විදියට styles වික දාමු.

Step 04 (CSS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." In the center, there's a "Main Html Block" containing a "head" section. Inside the head section, there's a red-highlighted "CSS Block". Below it is a "Card" block with a "Default CSS" dropdown set to "Heading Biggest". Underneath that is an "Enter Text" field with the value "Your Todo List". At the bottom of the card is an "Input Feild Type" dropdown set to "Text Name". To the right of the builder, there's a preview window titled "Your Todo List" showing a simple form with an input field and a yellow "List Items" button.

This is another way to add styles. Find this red block and place it inside the **head** section of the HTML block.

දැන් අපි වෙත විදියකට styles දාමු. මේ රතු පාට style block එක දාන්න HTML block එකේ head කොටසට.

Step 05 (CSS)

The screenshot shows the WebBlockCraft Frontend Builder. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." Below the sidebar is a "Search" bar. The main workspace is titled "Frontend Builder". It displays a "Main Html Block" containing a "head" section. Inside the head section, there's a "CSS Block" with a "CSS Style Block" containing a "selector" set to "Tag" and "name" set to "body". Below the head section is a "Card" block with "Default CSS" settings, including "Heading" set to "Biggest" and "Enter Text" set to "Your Todo List". At the bottom of the workspace are "Input Feild Type", "Text", and "Name" buttons. To the right, there's a preview area titled "Your Todo List" showing a simple form with an input field and a button labeled "Add Task". Above the preview are buttons for "Preview Code", "Tutorial Guide", and "Logout".

Now grab this style block from CSS menu and change selector to **Tag** and name as **body**. This means now we can add styles to the body part of our website where all our things are placed.

මෙම block එකත් CSS මෙතු එකෙන් හොයලා add කරන්න මෙතනට. එක් Selector කියන එකට "body" කියල ඇත්තා. මෙකෙන් වෙන්නේ අපිට select කරන්න පූජ්‍යවන් මොන කොටස් වලටද CSS ඇත්තා සිනේ කියලා. මෙතැනදී අපි body එකට තමයි ඇත්තේ. website එක් body එක් තමයි අපේ ඔක්කොමේ දේවල් වික, එහෙම නැත්තන් content වික තියෙන්නේ.

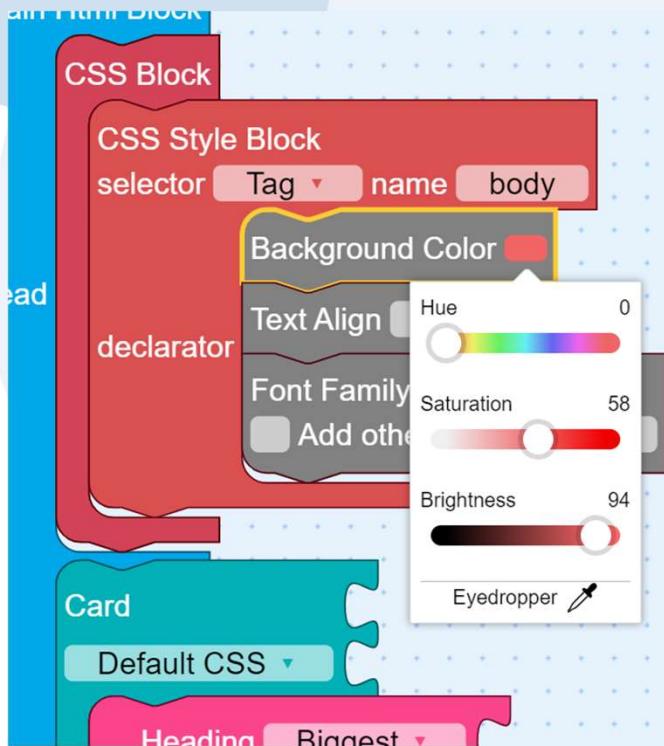
Step 06 (CSS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main area is titled 'Frontend Builder' and shows a 'Main Html Block' containing a 'head' section. Inside 'head' is a 'CSS Block' for a 'CSS Style Block' targeting the 'body' tag. The style properties include 'Background Color' (white), 'Text Align' (Center), and 'Font Family' (Verdana). Below this is a 'Card' block with 'Default CSS' and 'Heading Biggest' settings. To the right, a preview window displays a todo list page with the heading 'Your Todo List'.

Then add some styles like shown in the image above. Background color, text center, font. Selector Tag means that we can select html tags directly.

මෙතන පෙන්නලා තියන විදියට මේ styles blocks වික්දාන්න.

note



COLORSSS!!! Click on that small icon next to “background Color” then you can select any color you like.

මයාලට කැමති පාටක් වෙනස් කරගන්න ඕනෑම "background color" කියන එක් තියන පොඩි color icon එක click කරන්න.

Step 07 (CSS)

The screenshot shows the WebBlockCraft interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main area is titled "Frontend Builder" and shows a "head" section with two "CSS Style Block" blocks. The top block has a selector of "Tag" and a name of "body". It includes settings for "Background Color" (white), "Text Align" (Center), and "Font Family" (Verdana). The bottom block has a selector of "Tag" and a name of "li". It has a "declarator" block below it. A blue oval highlights this second block. Below these is a "Card" block with "Default CSS" settings: "Heading" set to "Biggest" and "Enter Text" set to "Your Todo List". At the bottom, there are "Input Field Type" (Text) and "Name" fields. On the right, there's a preview window titled "Your Todo List" showing a simple form with an input field and a yellow "Add Task" button. Below it is a yellow "List Items" button.

Ok let's select something else to add a style to. Add another Style block like shown above and set selector to **Tag** and name as "**li**". li is the tag for "List Item".

හරි, අපි තව මොනවා හරි select කරමු styles දාන්ත. අලුත් CSS Style block එකක් දාන්ත picture එකේ තියන විදියට. Selector එක Tag කියල දාල name කියන එකට "li" කියල දෙන්ත. "li" කියන්නේ HTML වල List Items කියන එකට.

Step 08 (CSS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." The main area is titled "Frontend Builder" and contains several blocks:

- A red "CSS Style Block" for the "body" selector, setting the background color to white, text align to center, and font family to Verdana.
- A red "CSS Style Block" for the "li" selector, setting the text align to left and adding padding of 5 pixels to all sides.
- A teal "Card" block containing a "Default CSS" section with a "Heading Biggest" style and an "Enter Text" input field with the placeholder "Your Todo List".
- An "Input Field Type Text Name" block.

On the right, there's a preview window titled "Your Todo List" showing a simple todo list interface with a text input and a button labeled "Add Task".

Now add some CSS like shown above. With that we are done with styling too. Now it looks a little nice. But It still doesn't work. Let's work on that next.

ලඛී picture එක් විදියට styles විකක් ඇමු. ඔන්න දැන් නම් විකක් ලයේසනට තියනවා. හැබැසි මෙක තාම භරියට වැඩ කරන්නේ නැ. රේලුගට බලමු කොහොමද මෙක වැඩ කරන විදියට හදන්නේ කියලා.



LETS ADD SOME JS

JS or JavaScript is like the things we do like dancing

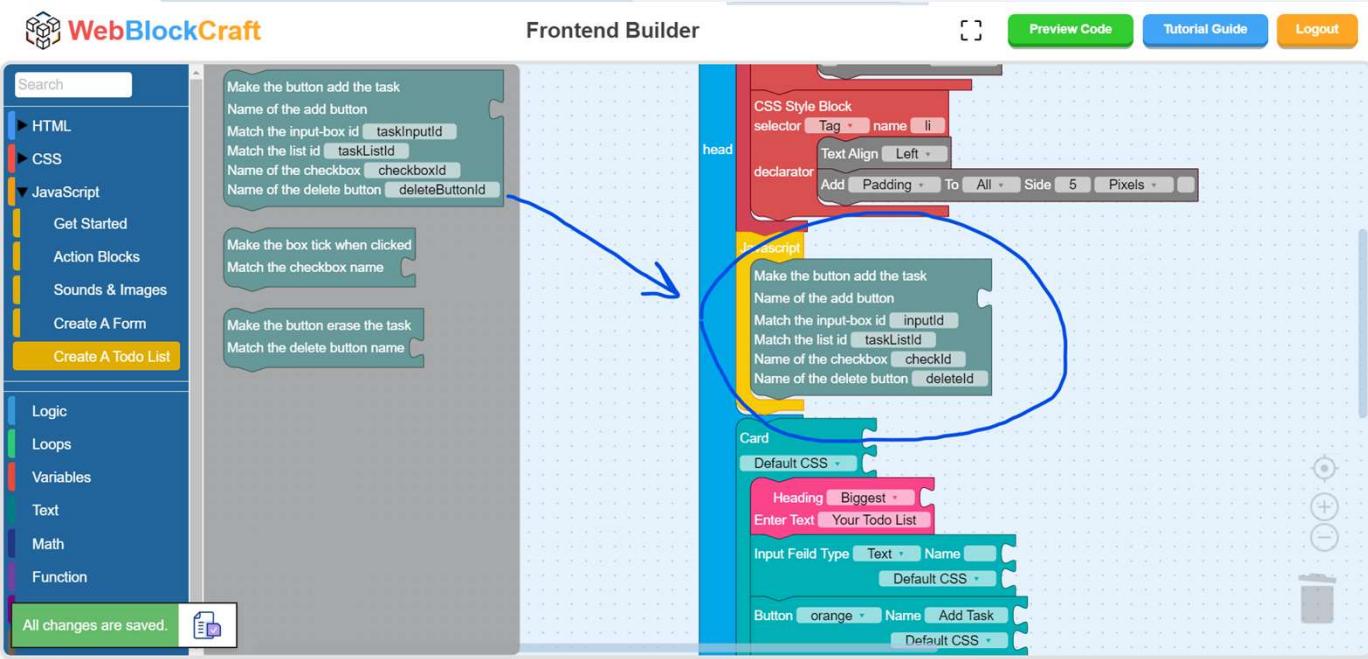
Step 01 (JS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main area is titled 'Frontend Builder' and shows an 'HTML' block containing a 'head' section. Inside the 'head' section, there's a 'CSS Style Block' for 'li' items with styles like 'Font Family: Verdana' and 'Text Align: Left'. Below it is a yellow 'JavaScript' block, which is circled in blue. The 'HTML' block also contains a 'Card' block with 'Default CSS' and 'Heading Biggest' set to 'Your Todo List'. To the right, there's a preview window titled 'Your Todo List' showing a simple todo list interface with a text input and a button to add tasks.

Let's add some logic to our website. Grab this JavaScript block from **JavaScript** menu. Place it under CSS inside of the head section in our HTML block.

කහ පාට JavaScript කියන block එක JavaScript කියන මෙනු එකන් අරගෙන HTML block එක් head කොටස යටින් දැන්න.

Step 02 (JS)



Put this big block inside of the javascript block.
This has the logic that handles adding list items.

Input box iD should be “**inputId**”

List id should be “**taskListId**”

Name of the checkbox should be “**checkId**”

Name of the delete button should be “**deleteId**”

Make sure to match the words like shown in the picture. **Otherwise, it will not work**

ර්ලගට මේ block එක අරගෙන දාන්න JavaScript block එක ඇතුළේ. මෙතැනදී input box , List Id , name of the checkbox, delete button වගේ ඒවාට හරියටම picture එක් තියන විදියට ඒ නම දාන්න යිනේ. නැත්තන් වැඩ කරන්නේ නැ.

Step 03 (JS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, Words, Table, Form, Lists, Containers, Link, More, Premade, CSS, JavaScript, Logic, Loops, and Variables. A yellow banner at the bottom left indicates "New unsaved changes". The main workspace is titled "Frontend Builder" and contains a "Card" block. Inside the Card, there's a "Default CSS" section with "Heading Biggest" and "Enter Text Your Todo List". Below it is an "Input Field Type" section set to "Text" with "Name Name" and "Default CSS". At the bottom is a "Button" section set to "orange" with "Name Add Task", "Id btn1", and "Class Class". A green "Javascript" block labeled "Give a unique name btn1" is connected to the "Id" field of the button block. A blue circle highlights the "btn1" name in both blocks. To the right, a preview window shows a "Your Todo List" card with a text input field, a yellow "Add Task" button, and a "List Items" button.

You can find the green block from Javascript > get started menu. You can find blue block from HTML menu. Make sure to add the same name to both, which is “btn1”.

මෙතන කොළ පාට block එක තියෙන්නේ JavaScript මෙනු එක් get started කියන menu එක්. නිල් පාට block එක තියෙන්නේ HTML menu එක්. ඒ blocks දෙකටම එකම නම දෙන්න.

Step 04 (JS)

The screenshot shows the WebBlockCraft Frontend Builder. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, and Math. The main workspace has a blue background with a grid. A yellow block labeled "JavaScript" is open, containing several sub-blocks: "Make the button add the task", "Name of the add button", "Match the input-box id", "Match the list id", "Name of the checkbox", and "Name of the delete button". Below this is a green block "Give a unique name" with the value "btn1". Another yellow block "Make the box tick when clicked" is also visible. To the right, the "Frontend Builder" tab is active, showing a preview of a "Your Todo List" page with a search bar, an "Add Task" button, and a "List Items" button. At the top right, there are buttons for "Preview Code", "Tutorial Guide", and "Logout".

Now add this “make the box tick” block and put another green block and type “**checkId**”. Make sure the type the correct name.

දැන් make the box tick කියන block එකත් JavaScript කියන menu එකෙන් අරගෙන මෙතනට දාන්න. එකටත් අර කොළ පාට block එක දාන්න. කොළ පාට block එකේ text එක විදියට "checkId" කියන එක type කරන්න.

Step 05 (JS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left is a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, and Math. The main area displays a Scratch-like script editor. A blue oval highlights a sequence of four green blocks: 'Match the checkbox name' followed by 'Give a unique name checkId', then 'Match the delete button name' followed by 'Give a unique name deletId'. Below this is a 'Card' block with 'Default CSS' and 'Heading Biggest' set to 'Biggest'. To its right are 'Enter Text Your Todo List' and 'Input Field Type Text Name' with 'Default CSS'.

Next find the “make button erase” block and place it under rest of the blocks. Add the green block and this time type “**deletId**”.

දැන් make button erase කියන block එකත් JavaScript කියන menu එකෙන් අරගෙන මෙතනට දාන්න. එකටත් අර කොළ පාට block එක දාන්න. කොළ පාට block එකේ text එක විදියට "deletId" කියන එක type කරන්න.

Step 06 (JS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main area is titled "Frontend Builder" and contains a Scratch-like script editor. A blue oval highlights a yellow "inputId" block attached to an "Input Field Type" block. To the right, a code editor window shows the generated HTML and JavaScript code:

```
1 <html>
2   <head>
3     <style> body{ background-color: #f0f0f0;text-align: center; font-family: "Verdana" ;list-style-type: none; margin: 0; padding: 0; }
4       </style><script>
5
6         document.addEventListener("DOMContentLoaded", function() {
7           document.getElementById("btn1").addEventListener("click", function() {
8             var taskInput = document.getElementById('inputId');
9             var taskList = document.getElementById('taskListId');
10            if (taskInput.value != "") {
11              taskList.innerHTML += taskInput.value + "<br/>";
12            }
13          });
14        });
15      </script>
16    </head>
17    <body>
18      <h1>Your Todo List</h1>
19      <input type="text" id="inputId" value="" placeholder="Add Task" />
20      <button type="button" id="btn1" value="Add Task">Add Task</button>
21      <ul id="taskListId"></ul>
22    </body>
23  </html>
```

Ok so that's it for the JavaScript. But now we need to link that logic to our HTML parts. Add this blue block to **Input field** block. Type “**inputId**”. Now we have linked some JS logic to this field.

එතකෙට ඒ වික තමයි JavaScript වලට තියෙන්නේ, තව පොඩි දෙයක් තියනවා. අපි කළින් දාපු JavaScript වික link කරන්න ඕනෑම HTML කොටස් වලට. Picture එක් විදියට අර නිල් පාට block එකක් අරගෙන දාන්න Input field block එකට. ඊලගට එක් "inputId" කියලා type කරන්න. දැන් අපි JavaScript logic එක link කර අපේ input box එකට.

Step 07 (JS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main area has a teal header with 'Frontend Builder' and buttons for 'Preview Code', 'Tutorial Guide', and 'Logout'. Below the header, there's a search bar and a toolbar with 'Add CSS' and 'Border Corners 10'. A blue oval highlights the 'Id' input field in a block labeled 'Ordered List'.

Code:

```
<div id="taskListId"></div>
```

Website:

Console:

Your Todo List

Add Task

List Items

Do the same for the Ordered List. Type “**taskListId**” here.

කළින් කරපු එකම කරන්න Ordered List කියන එකට. මෙතැනදී "taskListId" කියල දාන්න.

Step 08 (JS)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main area has tabs for 'Code', 'Website', and 'Console'. The 'Website' tab is active, displaying a 'Your Todo List' page. The page features a text input field with placeholder 'This is my third task' and a 'Add Task' button. Below this is a yellow box titled 'List Items' containing two items:

1. This is my first task Delete
2. This is my second task Delete

The 'Code' tab shows the generated HTML and CSS code for the todo list.

That's it. Now you can try out your to-do list app. Try typing something and clicking Add task to add. Click delete to delete.

මන්ත දැන් JavaScript එකත් දාලා ඉවරයි. දැන් පුළුවන් ඔයා හදපු website එක try කරලා බලන්නම. කැමති දෙයක් උඩ type කරලා Add Task button එක click කරාම list item එකක් ගැදෙනවා.



LETS ADD MORE

Lets add some more things to see what we can do

Step 01 (Extra)

The screenshot shows the WebBlockCraft interface. On the left is a sidebar with categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." On the right is the "Frontend Builder" area. It contains several code blocks:

- A yellow block: Name of the checkbox `checkbox`
- A grey block: Name of the delete button `deleteld`
- A green block: Make the box tick when clicked
- A grey block: Match the checkbox name `Give a unique name` `checkbox`
- A grey block: Make the button erase the task
- A green block: Match the delete button name `Give a unique name` `deleteld`
- A teal block: Box | Guide Border `normal` Gap `0` Id `header` Class `header`
- A pink block: Heading `Biggest`
- A pink block: Enter Text `Web Programming for Kids`
- A pink block: Paragraph `Learn, Build, and Have Fun!`
- A teal block: Card
- A pink block: Heading `Biggest`
- A pink block: Enter Text `Your Todo List`
- A teal block: Input Field Type `Text` Name `inputId` Id `inputId` Class `inputId`

The preview window on the right shows a web page titled "Web Programming for Kids" with the sub-section "Your Todo List".

Ok so this part is extra. Let's start by adding the above blocks to make a Header section. Make sure to match the names like shown in the image.

මෙතන ඉදන් අමතර දෙයක් අපි කරන්න හදන්නේ.
මුළුන්ම උඩ තියන blocks වික දාමු header bar එකක්
හදාගන්න.

Step 02 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A 'Search' bar is at the top. The main workspace has a blue background with a grid. A blue bracket highlights a group of blocks:

- A red **CSS Style Block** for selector `Tag` `name` `li` with `Text Align` set to `Left`.
- An orange **CSS Style Block** for selector `ID` `name` `header` with `Background Color` set to yellow.
- A green **JavaScript** block with the code:

```
Make the button add the task
Name of the add button
Match the input-box id [ inputId ]
Match the list id [ taskListId ]
Name of the checkbox [ checkId ]
Name of the delete button [ deleteId ]
Make the box tick when clicked
Match the checkbox name [ Give a unique name ] checkId
```

To the right, there's a preview window titled "Web Programming for Kids" with the sub-section "Your Todo List". It shows a form with fields for adding tasks and a list items section.

Let's add some styles to the header section. You know the drill. Add some styles like shown above.

දැන් එකට **styles** විකක් දාගමු.

Step 03 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." with a file icon. The main area is titled "Frontend Builder" and shows a "body" section with a "Card" component selected. A purple arrow points to the "Card" component. The "Card" component has an "Id" set to "card" and a "Class" set to "Add CSS". Below it is another "Card" component with the same settings. To the right, there's a preview window showing a yellow header with the text "Web Programming for Kids" and "Learn, Build, and Have Fun!". Below the header is a form titled "Your Todo List" with fields for "Enter Text" and "Add Task".

Let's add some styles to the card component. Add that blue block and put id name as "card" and set Card block to "Add CSS"

Card block එකටත් style විකක් දාමු. මෙතැනදී Card Block එක Add CSS කියන එකට set කරන්න. නිල් පාට block දාලා "card" කියල type කරන්න.

Step 04 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, a sidebar lists categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." with a file icon. The main workspace has a blue header bar with "Frontend Builder". Below it, the code editor shows the following blocks:

- CSS Style Block** (selector ID name header):
 - declarator Add Padding To All Side 5 Pixels
- CSS Style Block** (selector ID name card):
 - declarator Add Margin To All Side 30 Pixels
- JavaScript**:
 - Make the button add the task
 - Name of the add button Give a unique name btn1
 - Match the input-box id inputId
 - Match the list id taskListId
 - Name of the checkbox checkId
 - Name of the delete button deleteId
 - Make the box tick when clicked
 - Match the checkbox name Give a unique name checkId
 - Make the button erase the task
 - Match the delete button name Give a unique name deleteId

A purple oval highlights the two CSS blocks. In the top right corner, there are buttons for "Preview Code", "Tutorial Guide", and "Logout". To the right of the workspace is a preview area titled "Web Programming for Kids" with the sub-section "Your Todo List".

Now add a CSS block and set the ID as card. Then add a margin which makes it nice and small.

දැන් CSS blocks දාල පොටී margin එකක් දාමු.

Step 05 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. The main workspace displays a website template with a header, a central content area with an ordered list, and a footer section. A red circle highlights the footer section, which contains a paragraph block with the text "This is your footer". Above the footer, there are several CSS blocks: "Box | Guide Border" (with "Justify: normal" and "Gap: 0"), "Id: footer", and "Class". At the top right of the workspace, there are buttons for "Preview Code", "Tutorial Guide", and "Logout". To the right of the workspace, there's a preview window titled "Web Programming for Kids" showing the website with the footer content.

Alright let's add a **Footer**.

Footer ലൈറ്റ് ഡാബ്ല്യൂ.

Step 06 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, a sidebar lists categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "Your changes are being saved..." with a clock icon. The main area is titled "Frontend Builder" and contains several blocks:

- A red "declarator" block with "Padding" set to "All" and "Side" to "5 pixels".
- A red "CSS Style Block" with "selector" set to "ID" and "name" to "card".
- A red "declarator" block with "Margin" set to "All" and "Side" to "30 pixels".
- A red "CSS Style Block" with "selector" set to "ID" and "name" to "footer". It includes a "Background Color" block and a "Width" block set to "Percentage" and "100".
- A blue "declarator" block with "Position" set to "fixed". It has "Top" and "Bottom" both set to 0, and "Left" and "Right" both set to 0.
- A yellow "JavaScript" block with the code: "Make the button add the task". It has three sub-blocks: "Name of the add button" (with value "btn1"), "Match the input-box id" (with value "inputId"), and "Match the list id" (with value "taskListId").
- A green "JavaScript" block with the code: "Give a unique name".
- A green "JavaScript" block with the code: "Match the checkbox id" (with value "checkId").
- A green "JavaScript" block with the code: "Match the delete button id" (with value "deleteId").
- A green "JavaScript" block with the code: "Make the box tick when clicked".

To the right, a preview window shows a yellow header with "Web Programming for Kids" and "Learn, Build, and Have Fun!". Below it is a white box titled "Your Todo List" with a "List Items" button. At the bottom, a yellow footer box says "This is your footer".

Now the styles for the footer... See the pattern? We add things with HTML and makes things pretty with CSS.

Footer එකටත් කළින් වගේ styles දාගමු. ජේනවද පොඩි රටාවක්? අපි HTML වලින් මොකක් හරි දාලා එක ලස්සන කරන්න CSS පාවිච්චි කරනවා.

Step 07 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories like HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A search bar is at the top. The main area is titled "Frontend Builder" and shows a code editor with a block-based logic. A blue oval highlights a section of the code where a "Box" component is used with "Guide Border" and "Justify" set to "normal". Below it, another "Box" component is shown with "Background Color" set to yellow and "Border Corners" set to 10. To the right, a preview window shows a yellow header with "Web Programming for Kids" and "Learn, Build, and Have Fun!". The main content area has a title "Your Todo List" with a text input and a "Add Task" button. It displays the text "My name is Semora" and "This is my todo list application". A yellow footer says "This is your footer". At the bottom left of the main area, it says "All changes are saved." and has a save icon.

Let's add some more details to this. Add this component like shown in the image. Now you know where to find them right? If not just search.

තව විස්තර විකක් දාමු මෙකට. Picture එකේ විදියට blocks වික දාන්න. කළින් කිවිවා මතකයි නේද, blocks search කරලා ලේසියෙන් ගොයාගන්නත් පූල්වන් menu එක මතක තැන්තන්.

Step 08 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, there's a sidebar with categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." Below the sidebar is a search bar and a file icon.

The main area is titled "Frontend Builder" and contains three blocks:

- head**: A CSS block with selector "IU" and name "rooter". It has settings for Background Color (yellow), Width (Percentage, 100), and Position (fixed). It also includes Top, Bottom, Left, and Right properties.
- CSS Style Block**: A CSS block with selector "ID" and name "introBox". It has settings for Background Color (light blue), Border Color (cyan), Border Style (solid), Border Corners (10), Add Margin (To All, Side 20, Pixels), and Add Padding (To All, Side 5, Pixels).
- JavaScript**: A JavaScript block with the code: "Make the button add the task", "Name of the add button", "Match the input-box id", "inputId", "Match the list id", "taskListId". It also includes a "Give a unique name" field and a "btn1" button.

To the right, there's a preview window showing a yellow header with "Web Programming for Kids" and "Learn, Build, and Have Fun!". Below it is a white box titled "Your Todo List" with an "Add Task" button. A cyan box below it displays "My name is Semora" and "This is my todo list application". At the bottom, an orange box says "This is your footer".

Add the styles for the new box we added to make it nice.

Styles දාමු එකටත්.

Step 09 (Extra)

The screenshot shows the WebBlockCraft Frontend Builder interface. On the left, a sidebar lists categories: HTML, CSS, JavaScript, Logic, Loops, Variables, Text, Math, Function, List, and Colours. A message at the bottom says "All changes are saved." On the right, the "Frontend Builder" tab is active, showing a preview of a website titled "Web Programming for Kids" with the subtitle "Learn, Build, and Have Fun!". The preview includes a "Your Todo List" section with an input field and an "Add Task" button, and a footer with the text "This is your footer". In the center, the "Main Html Block" contains three CSS blocks:

- CSS Block**: Selector Tag name body. Declarator: Font Family Verdana, Add Margin To All Side 0 Pixels.
- CSS Style Block**: Selector Tag name li. Declarator: Text Align Left, Add Padding To All Side 5 Pixels.
- CSS Style Block**: Selector ID name header. Declarator: Background Color.

A blue arrow points from the "Margin" setting in the first CSS block to the preview window, indicating its effect on the website's layout.

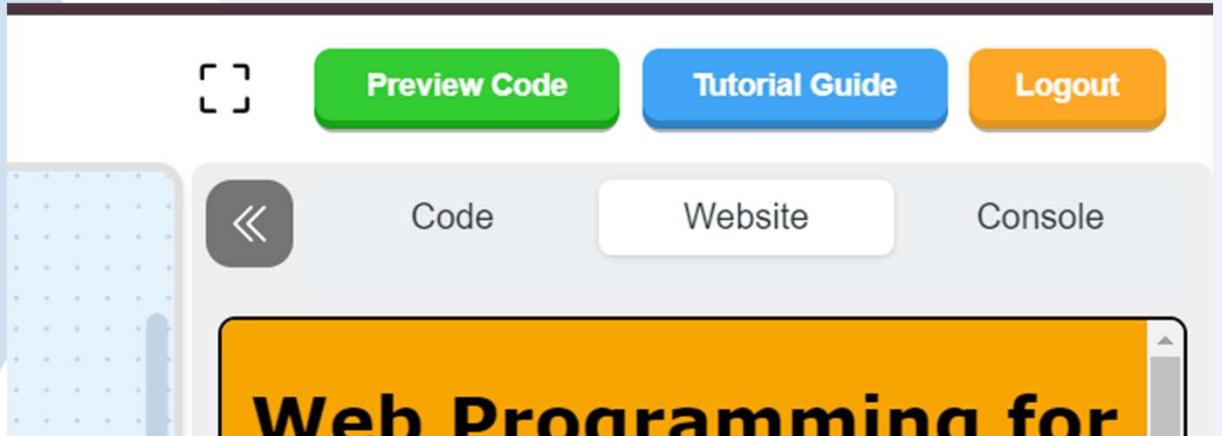
One last thing. Let's add this margin style to our body styles. This will remove that gap you see in the edges. With that We are done.

පොඩි දෙයක් අමතක උනා. අපි body එකට style එකක් දාමු margin 0 කියලා. එකෙන් වටේටම තියෙන gap එක remove වෙනවා. එකත් එක්ක එහනම් අපේ website එක හදාලා ඉවරයි.



DOWNLOAD YOUR CREATION

Step 01 (Downloading)



You did an awesome job with making a website. Now let's download it. Click on this green preview button.

ලස්සනට website එක හැඳවා තම් නියමයි. දැන් පුළුවන් ඔයාට ඔයාගේ website එක download කරගන්න. මෙතන උඩ කොළ පාට button එක click කරන්න preview code කියල තියන.

Step 02 (Downloading)

The screenshot shows the WebBlockCraft Code Viewer interface. It features three main code editor tabs: HTML, CSS, and JavaScript. The HTML tab contains the structure of a web page with elements like `<html>`, `<head>`, `<body>`, `<div id="header">`, `<h1> Web Programming for Kids`, `<p> Learn, Build, and Have Fun!`, and `<div id="card">`. The CSS tab contains styles for the body, list items (li), and the header element. The JavaScript tab contains a script that adds an event listener to the document, checks if a task input is empty, and creates a new list item with a checkbox if the input is not empty. Below the tabs, a preview window shows the rendered HTML with the title "Web Programming for Kids" and the subtitle "Learn, Build, and Have Fun!". At the bottom, there is a footer placeholder "This is your footer".

HTML

```
1 <html>
2 <head></head>
3 <body>
4 <div id="header" style=" ">
5   <h1>
6     Web Programming for Kids
7   </h1>
8   <p>
9     Learn, Build, and Have Fun!
10  </p>
11 </div>
12 <div id="card"
13   style="min-height: 200px; background-co
14     <h1>
15       Your Todo List
16     </h1>
17   </div>
```

CSS

```
1 body {
2   background-color: #f0f0f0;
3   text-align: center;
4   font-family: "verdana";
5   margin: 0px;
6 }
7 li {
8   text-align: left;
9   padding: 5px;
10}
11 #header {
12   background-color: #f7a500;
13   padding: 5px;
14 }
15 .wood {
```

JavaScript

```
1 document.addEventListener("DOMContentLoaded",
2   document.getElementById("bttn1").addEventListener(
3     var taskInput = document.getElementById("taskInput");
4     var taskList = document.getElementById("taskList");
5     var li = document.createElement("li");
6     var checkbox = document.createElement("checkbox");
7     checkbox.type = "checkbox";
8     checkbox.id = 'checkId';
9     var deleteButton = document.createElement("button");
10    deleteButton.textContent = "Delete";
11    deleteButton.id = 'deleteId';
12    if (taskInput.value === "") {
13      alert("Please enter a task!");
14      return;
15    }
16    li.appendChild(checkbox);
17    li.appendChild(deleteButton);
18    taskList.appendChild(li);
19  );
20 }
```

Here you can see the code that was generated for your website. You can check it out later. For now, click on the pink download button on the top right corner.

මෙතනින් ඔයාගේ website එකේ code එක වෙන
වෙනම බලාගන්න පූජ්‍යවන්. එක පස්සේ බලන්න. දැන්
click කරන්න උඩ තියන "download" button එක.

Step 03 (Downloading)

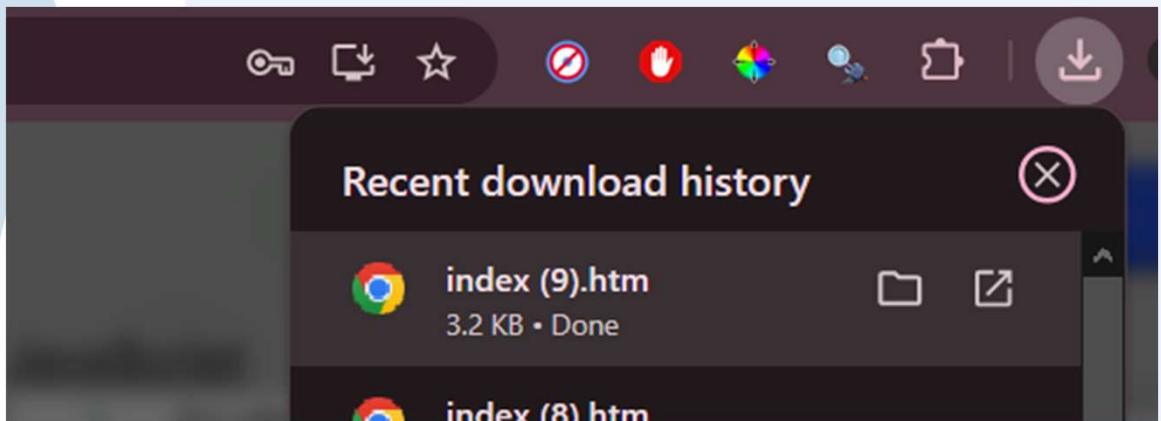
The screenshot shows a web-based code viewer titled "Code Viewer HTML" from "WebBlockCraft". It displays a snippet of HTML code with two main download options:

- Download as Single File**: Described as downloading everything in one file, it includes a note about organizing words, colors, and actions. A pink button labeled "Download file" is present.
- Download as Multiple File**: Described as separating files into different files, it includes a note about how files connect and shows sample code for `<head>` tags. A pink button labeled "Download files" is present.

Click on download file button on left side.

වම් පැත්තේ තියන download එක click කරන්න.

Step 04 (Downloading)



Now check your recent downloads. It should be ready 😊. Go to downloads folder and double click to open it.

දැන් recent downloads වල බලන්න තියනවද කියලා.
එක open කරන්න.

The screenshot shows a web browser window with the title "index (7).htm". The page has a yellow header bar with the text "Web Programming for Kids" and "Learn, Build, and Have Fun!". Below this is a white content area with a rounded rectangle containing the heading "Your Todo List". Inside this box is a text input field and a yellow "Add Task" button. A light blue box contains the text "My name is Semora" and the subtitle "This is my todo list application". Below this is another rounded rectangle with the heading "List Items" and a numbered list of three tasks, each with a checkbox and a "Delete" button. At the bottom of the page is a yellow footer bar with the text "This is your footer".

Web Programming for Kids

Learn, Build, and Have Fun!

Your Todo List

Add Task

My name is Semora

This is my todo list application

List Items

1. hey you did good Delete
2. This looks nice Delete
3. Try to modify things and see what happens Delete

This is your footer

And there you go. A nice simple to-do app. Now its your turn to make something cool. Also try experimenting with the to-do app to see what happens.



THANK YOU

FOR TRYING OUT OUR APP



VISIT OUR YOUTUBE FOR MORE

WEBBLOCKCRAFT