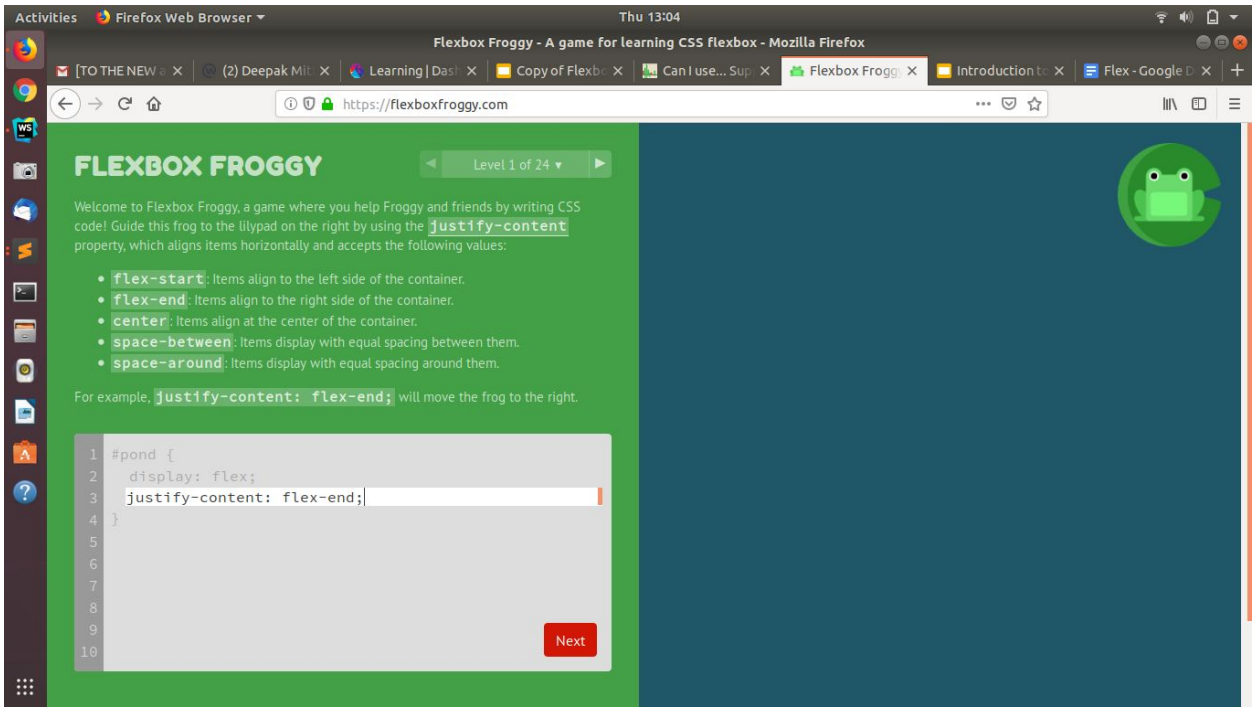
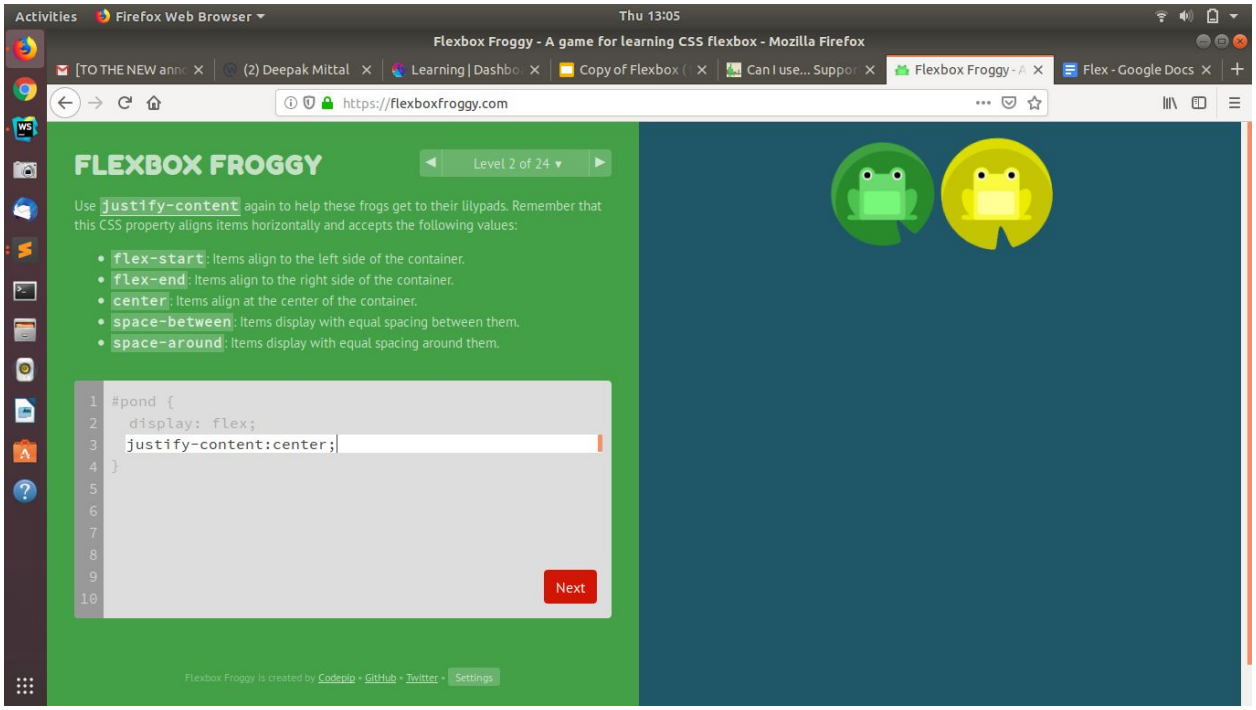
# Flex Exercise:

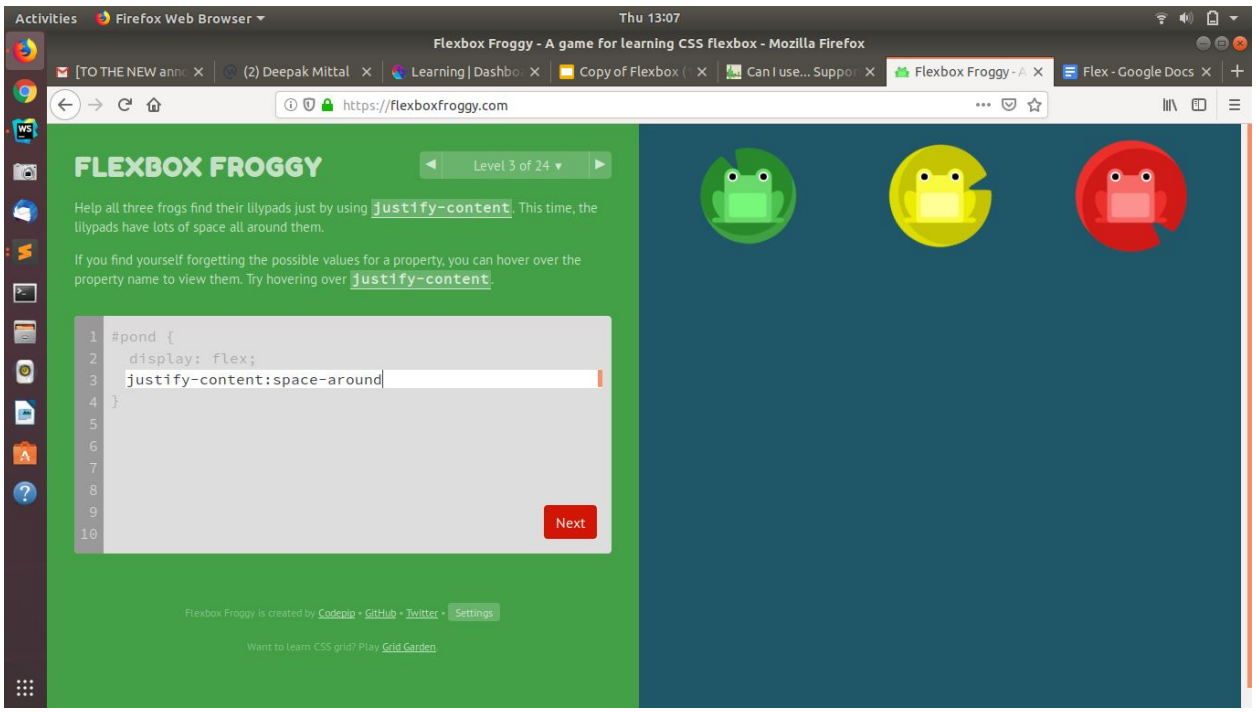
Q1.



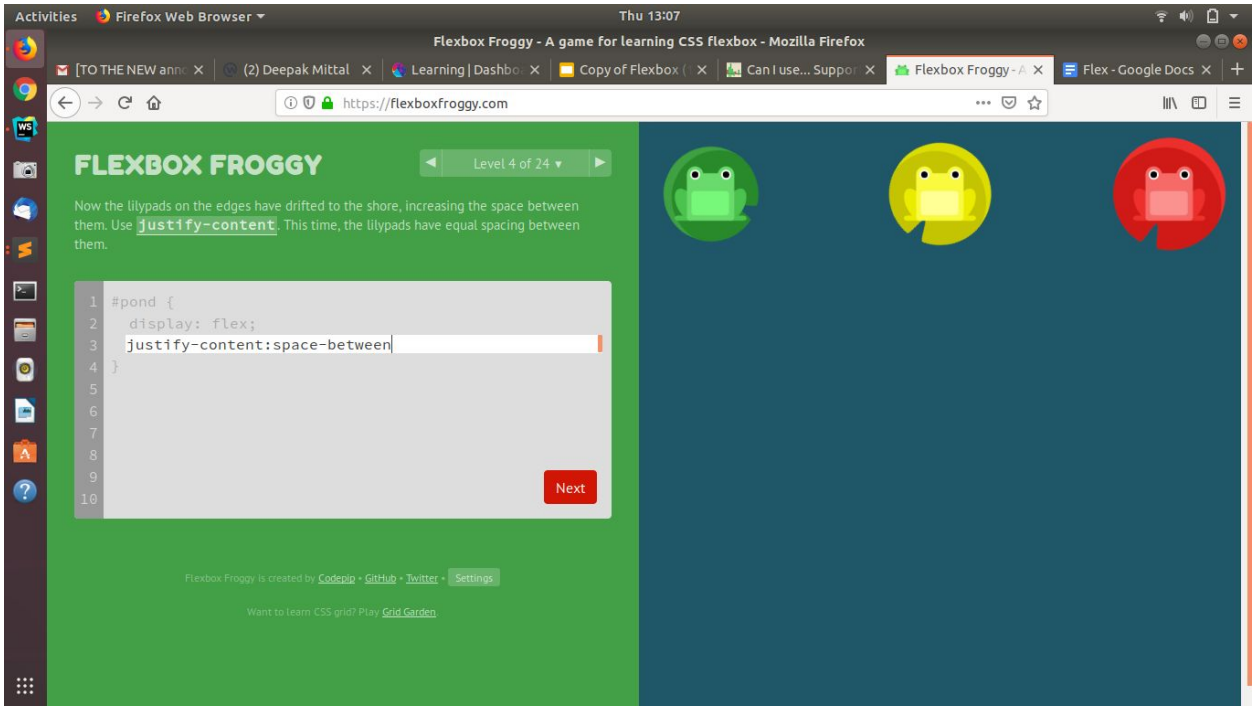

Q2.


Activities
Firefox Web Browser
Thu 13:05
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 2 of 24
Use justify-content again to help these frogs get to their lilypads. Remember that this CSS property aligns items horizontally and accepts the following values:
flex-start: Items align to the left side of the container.
flex-end: Items align to the right side of the container.
center: Items align at the center of the container.
space-between: Items display with equal spacing between them.
space-around: Items display with equal spacing around them.
#pond {
display: flex;
justify-content:center;
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings

Q3.


Activities
Firefox Web Browser
Thu 13:07
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 3 of 24
Help all three frogs find their lilypads just by using justify-content. This time, the lilypads have lots of space all around them.
If you find yourself forgetting the possible values for a property, you can hover over the property name to view them. Try hovering over justify-content.
#pond {
display: flex;
justify-content:space-around
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings
Want to learn CSS grid? Play Grid Garden

Q4.


Activities
Firefox Web Browser
Thu 13:07
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 4 of 24
Now the lilypads on the edges have drifted to the shore, increasing the space between them. Use justify-content. This time, the lilypads have equal spacing between them.
#pond {
display: flex;
justify-content:space-between
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings
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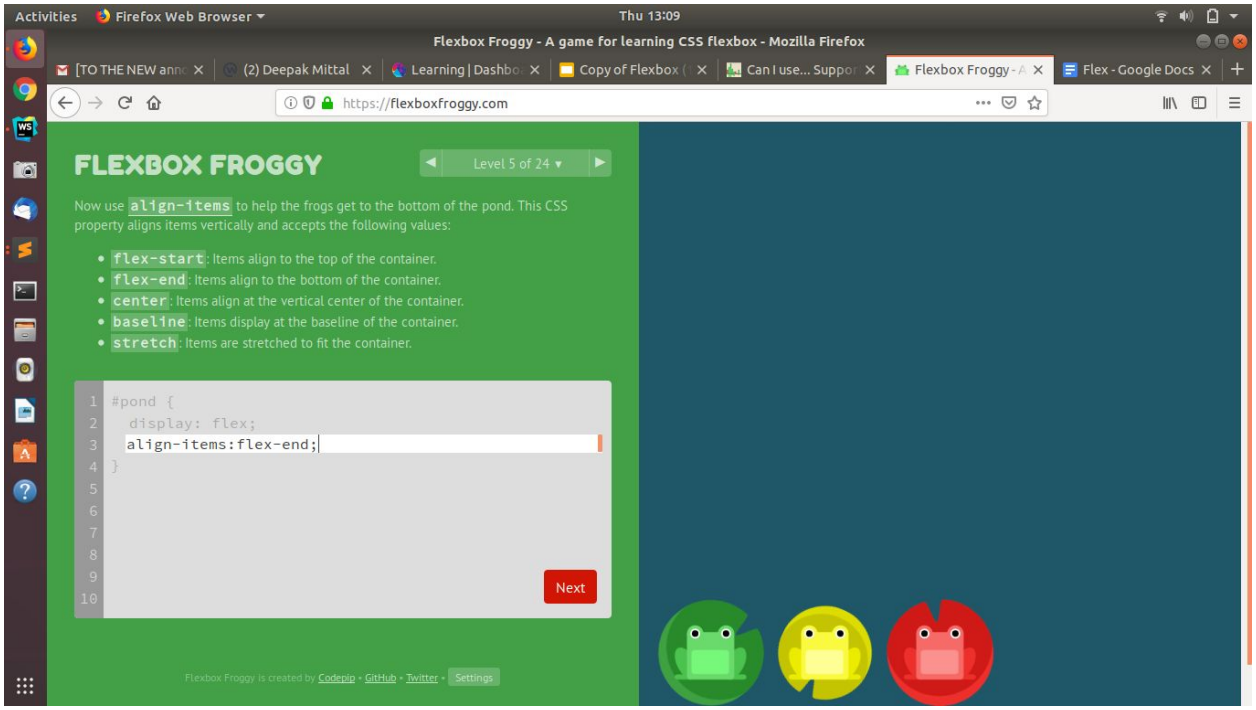
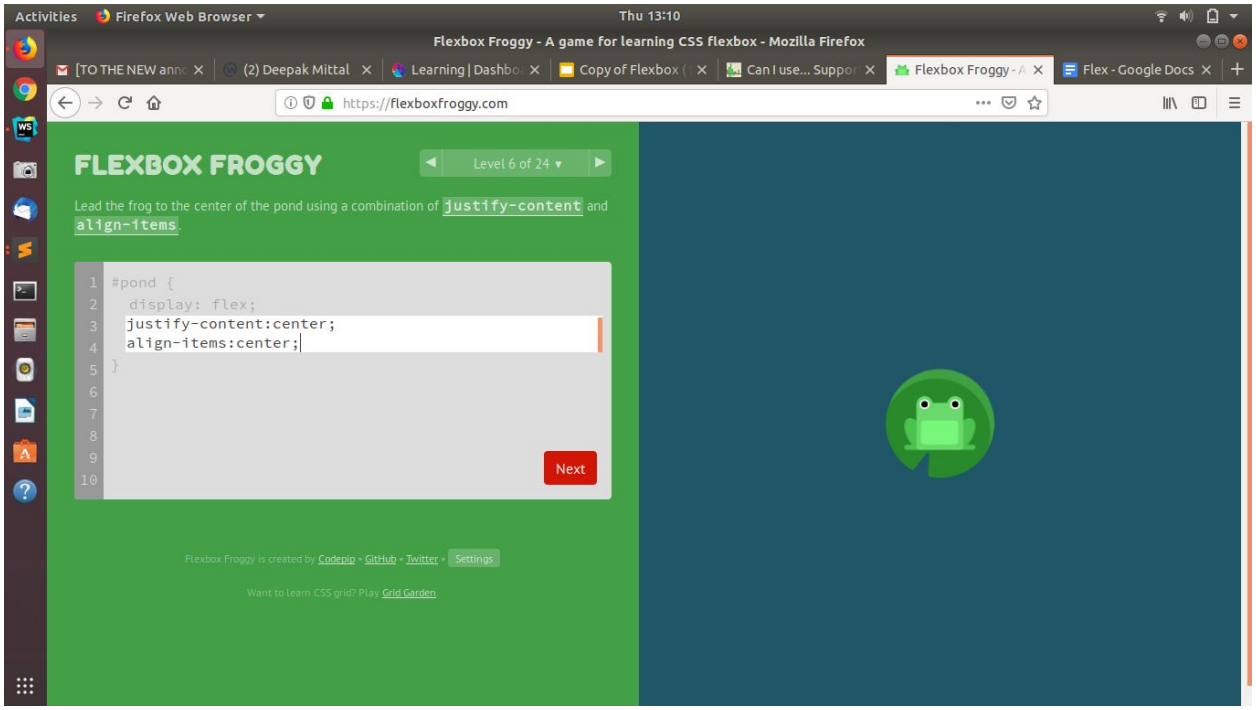
Q5.


Activities
Firefox Web Browser
Thu 13:09
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 5 of 24
Now use align-items to help the frogs get to the bottom of the pond. This CSS property aligns items vertically and accepts the following values:
flex-start: Items align to the top of the container.
flex-end: Items align to the bottom of the container.
center: Items align at the vertical center of the container.
baseline: Items display at the baseline of the container.
stretch: Items are stretched to fit the container.
#pond {
display: flex;
align-items:flex-end;
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings

Q6.


Activities
Firefox Web Browser
Thu 13:10
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 6 of 24
Lead the frog to the center of the pond using a combination of justify-content and align-items.
#pond {
display: flex;
justify-content:center;
align-items:center;
}
Next
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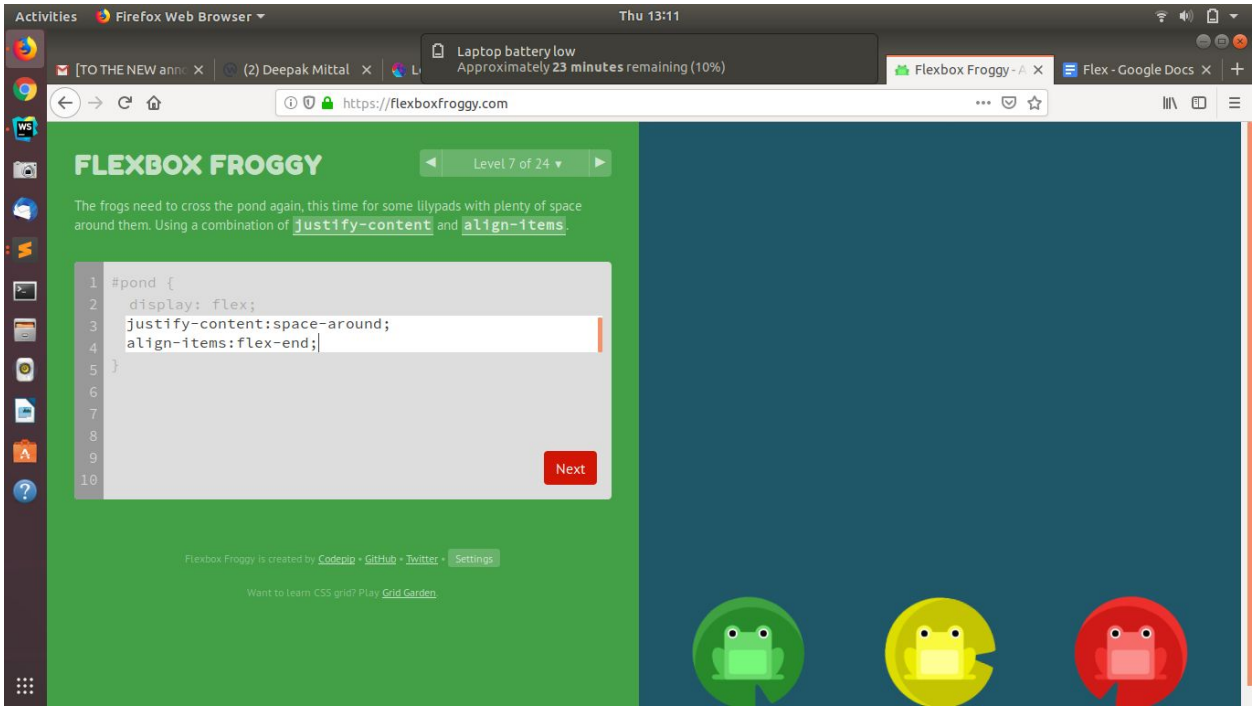
Q7.


Activities
Firefox Web Browser
Thu 13:11
Laptop battery low
Approximately 23 minutes remaining (10%)
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 7 of 24
The frogs need to cross the pond again, this time for some lilypads with plenty of space around them. Using a combination of justify-content and align-items.
#pond {
display: flex;
justify-content:space-around;
align-items:flex-end;
}
Next
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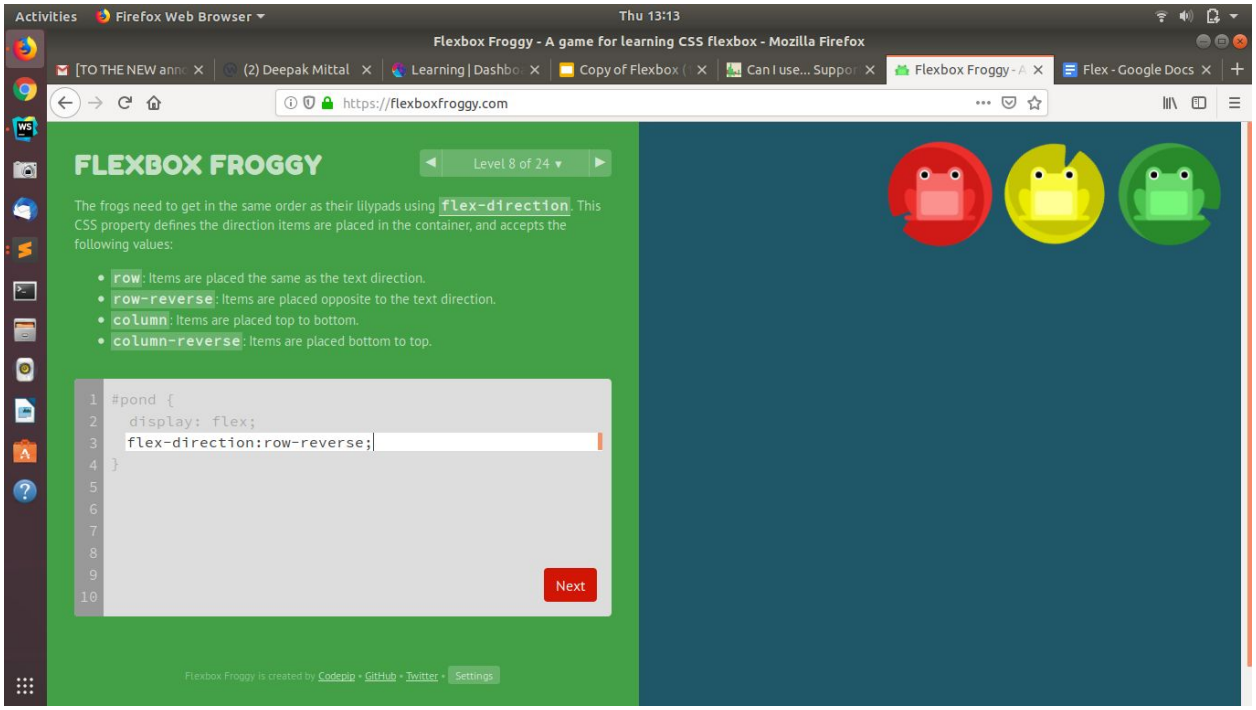
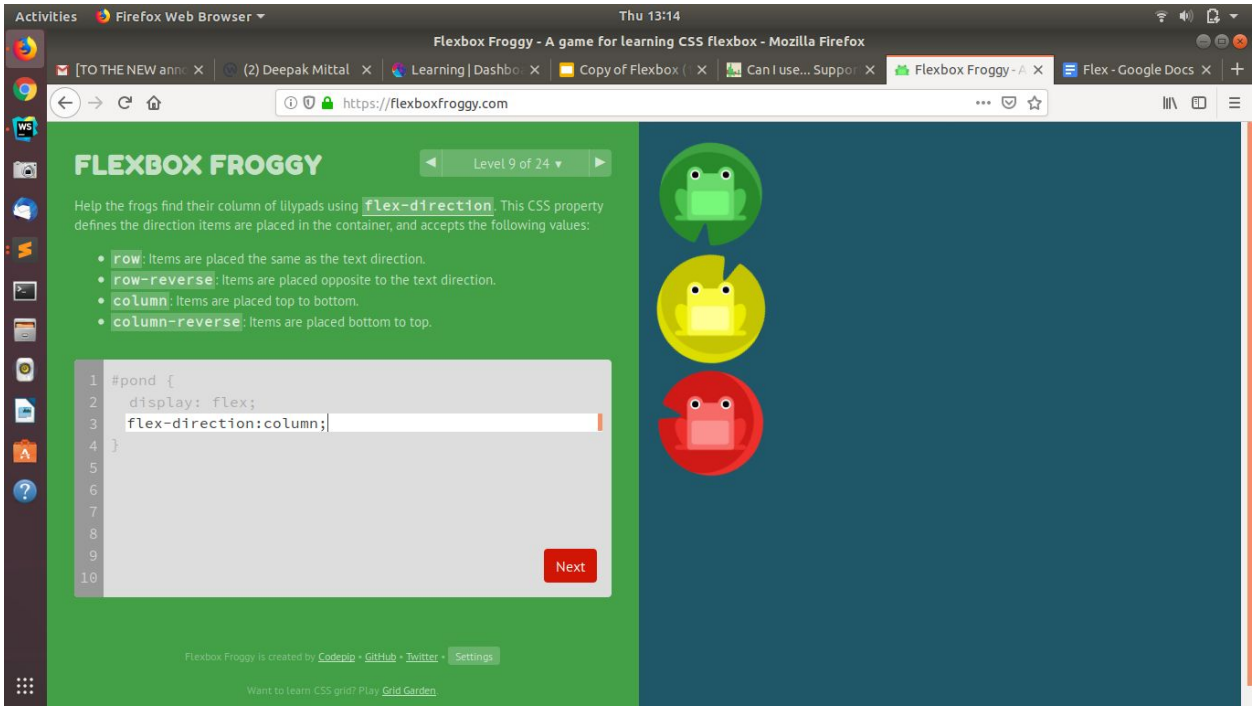
Q8.


Activities
Firefox Web Browser
Thu 13:13
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 8 of 24
The frogs need to get in the same order as their lilypads using flex-direction. This CSS property defines the direction items are placed in the container, and accepts the following values:
row: Items are placed the same as the text direction.
row-reverse: Items are placed opposite to the text direction.
column: Items are placed top to bottom.
column-reverse: Items are placed bottom to top.
#pond {
display: flex;
flex-direction:row-reverse;
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings

Q9.


Activities
Firefox Web Browser
Thu 13:14
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 9 of 24
Help the frogs find their column of lilypads using flex-direction. This CSS property defines the direction items are placed in the container, and accepts the following values:
row: Items are placed the same as the text direction.
row-reverse: Items are placed opposite to the text direction.
column: Items are placed top to bottom.
column-reverse: Items are placed bottom to top.
#pond {
display: flex;
flex-direction:column;
}
Next
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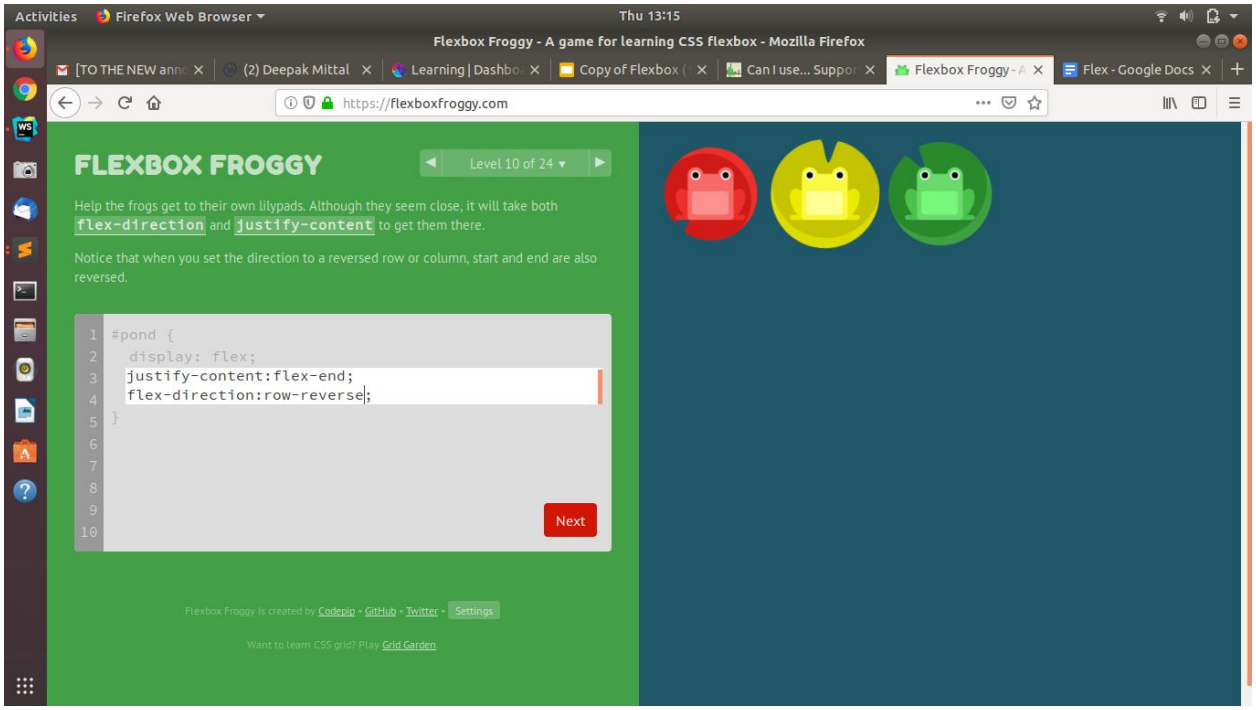
Q10.


Activities
Firefox Web Browser
Thu 13:15
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 10 of 24
Help the frogs get to their own lilypads. Although they seem close, it will take both flex-direction and justify-content to get them there.
Notice that when you set the direction to a reversed row or column, start and end are also reversed.
#pond {
display: flex;
justify-content:flex-end;
flex-direction:row-reverse;
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings
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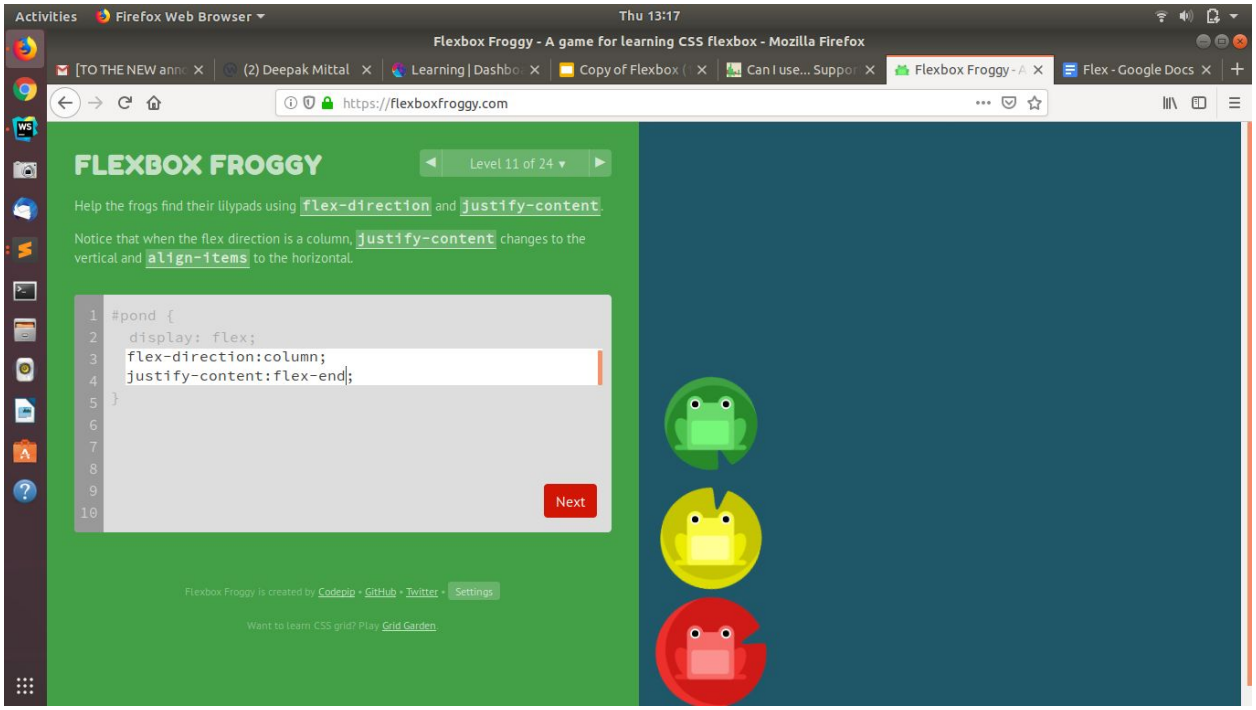
Q11.


Activities
Firefox Web Browser
Thu 13:17
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 11 of 24
Help the frogs find their lilypads using flex-direction and justify-content.
Notice that when the flex direction is a column, justify-content changes to the vertical and align-items to the horizontal.
#pond {
display: flex;
flex-direction:column;
justify-content:flex-end;
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings
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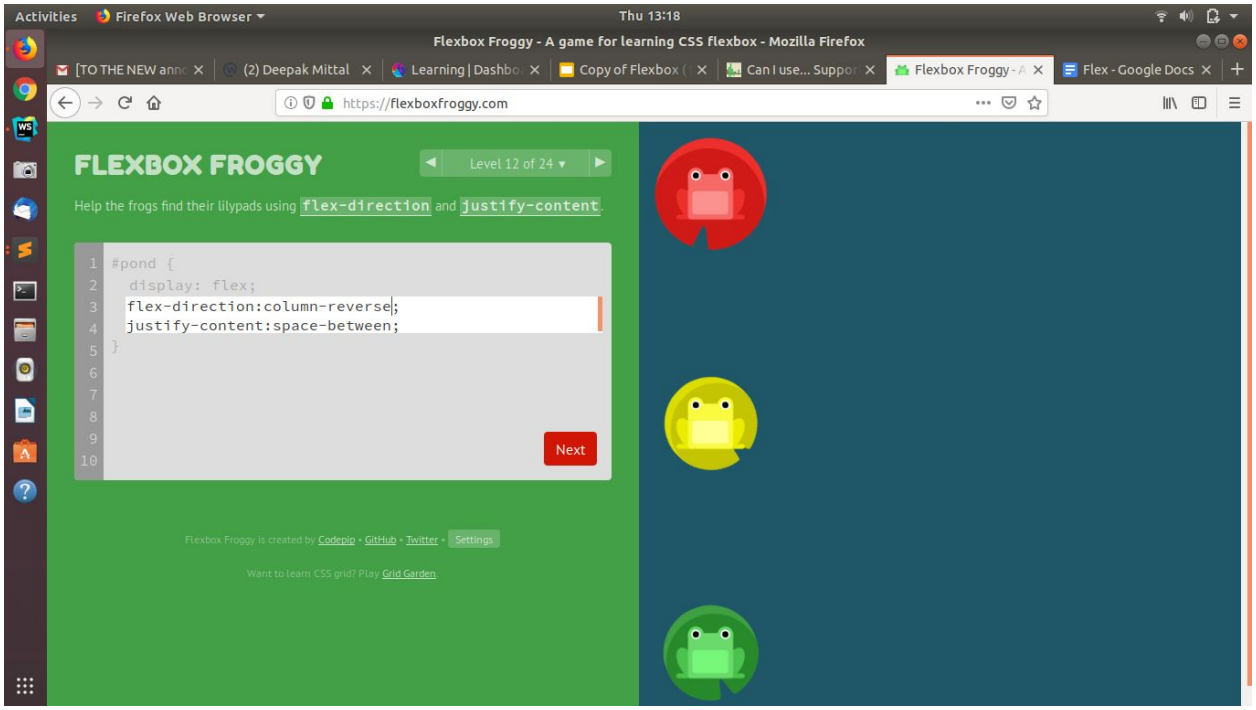
Q12.


Activities
Firefox Web Browser
Thu 13:18
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 12 of 24
Help the frogs find their lilypads using flex-direction and justify-content.
#pond {
display: flex;
flex-direction:column-reverse;
justify-content:space-between;
}
Next
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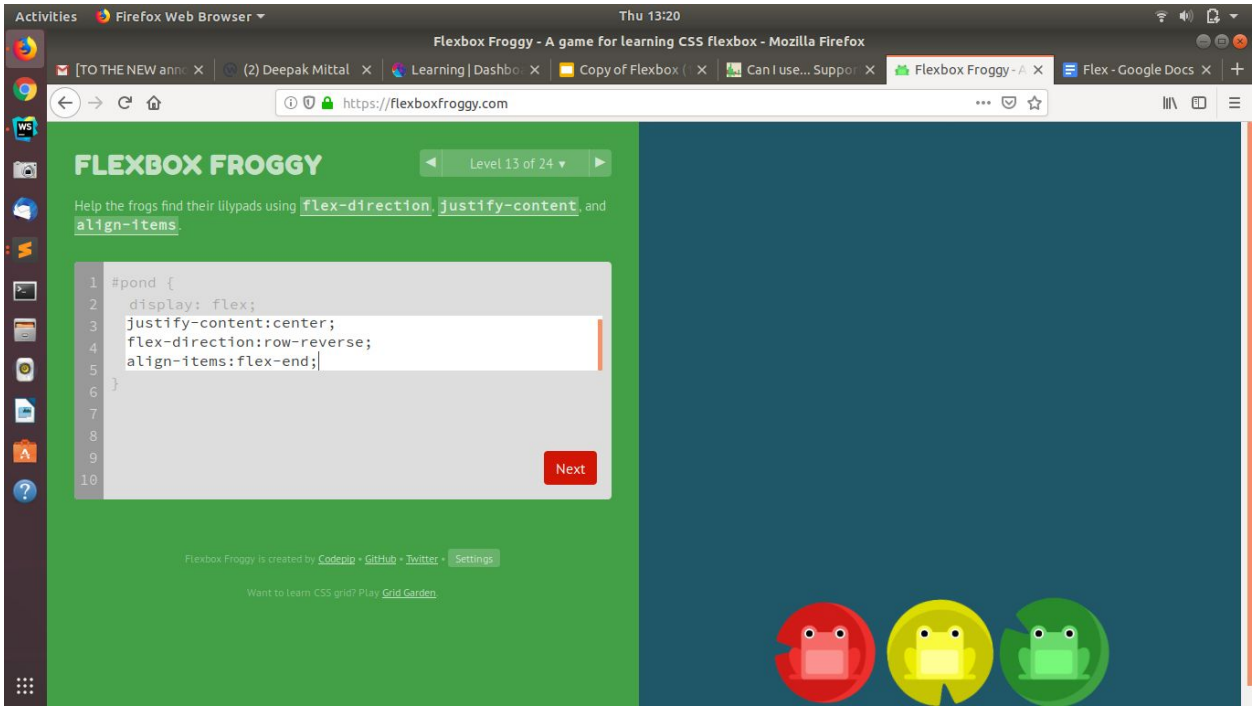
Q13.


Activities
Firefox Web Browser
Thu 13:20
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 13 of 24
Help the frogs find their lilypads using flex-direction, justify-content, and align-items.
#pond {
display: flex;
justify-content:center;
flex-direction:row-reverse;
align-items:flex-end;
}
Next
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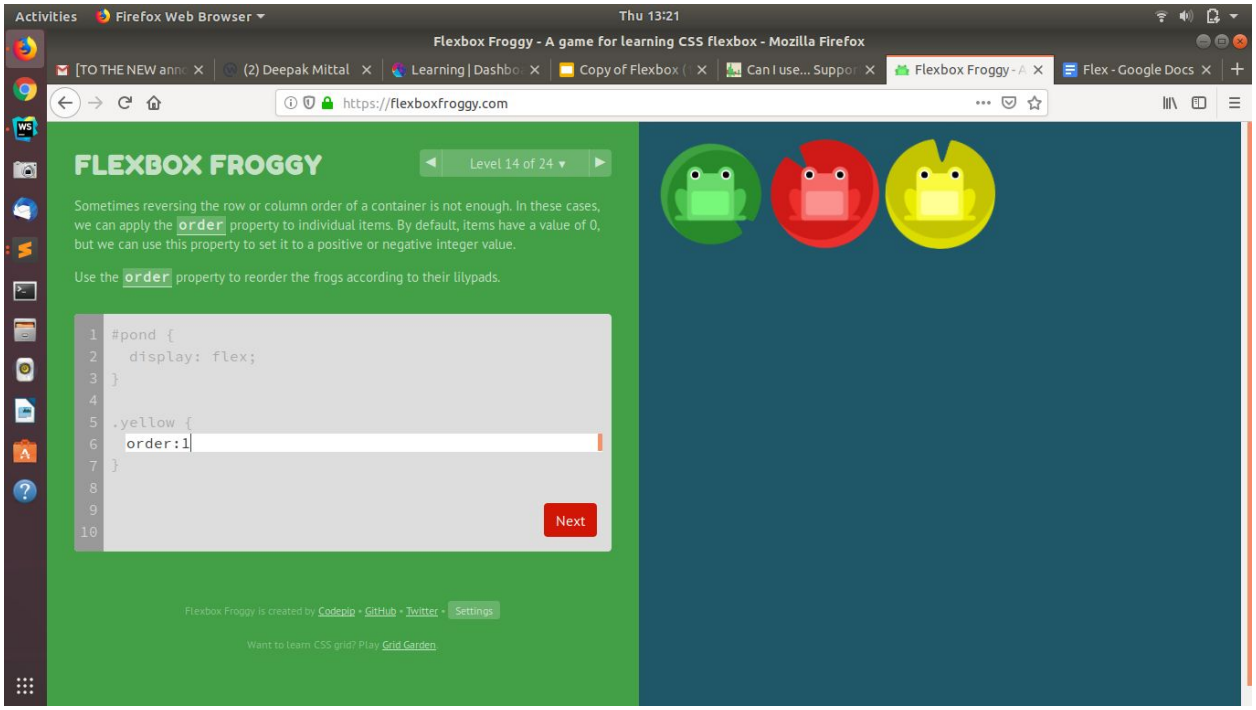
Q14.


Activities
Firefox Web Browser
Thu 13:21
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 14 of 24
Sometimes reversing the row or column order of a container is not enough. In these cases, we can apply the order property to individual items. By default, items have a value of 0, but we can use this property to set it to a positive or negative integer value.
Use the order property to reorder the frogs according to their lilypads.
#pond {
display: flex;
}
.yellow {
order:1
}
Next
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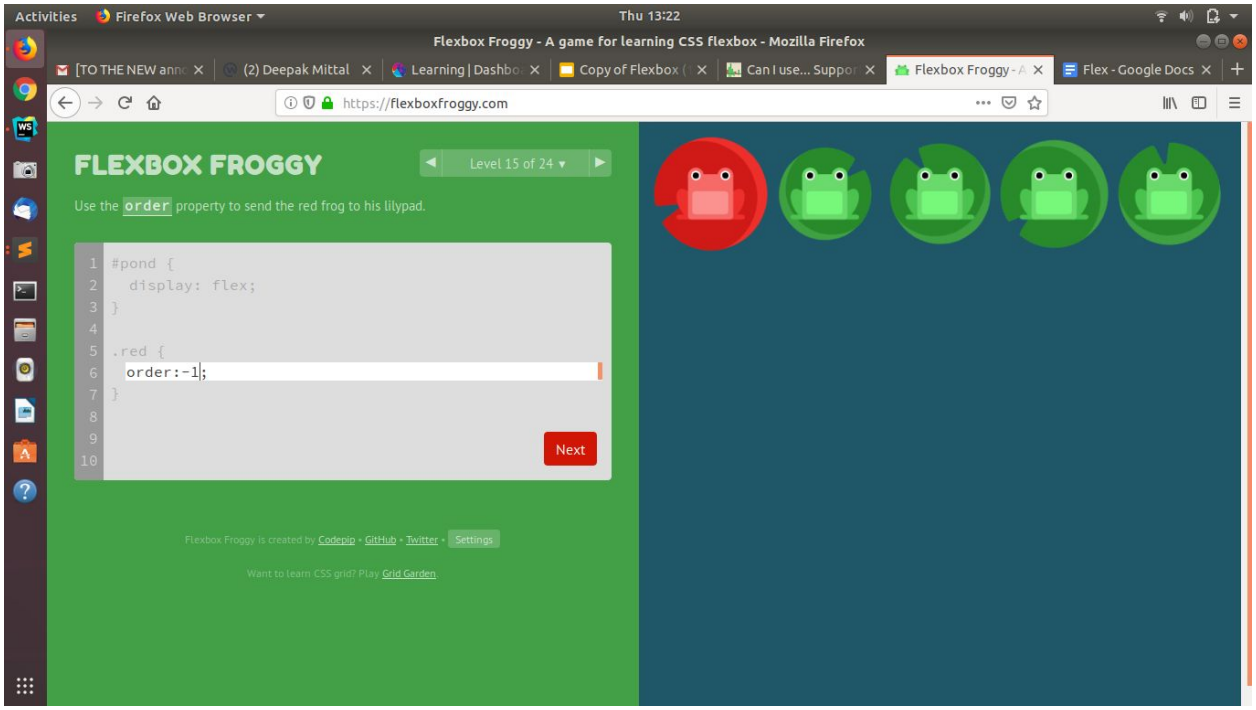
Q15.


Activities
Firefox Web Browser
Thu 13:22
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 15 of 24
Use the order property to send the red frog to his lilypad.
#pond {
display: flex;
}
.red {
order:-1;
}
Next
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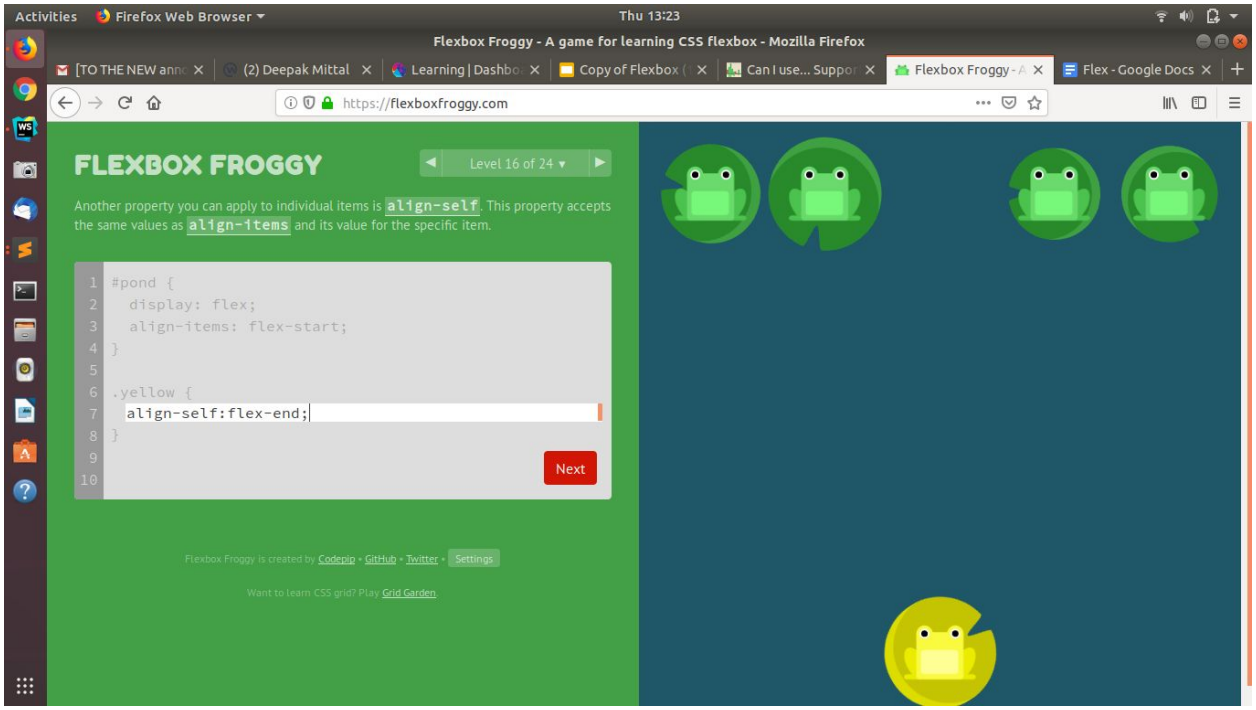
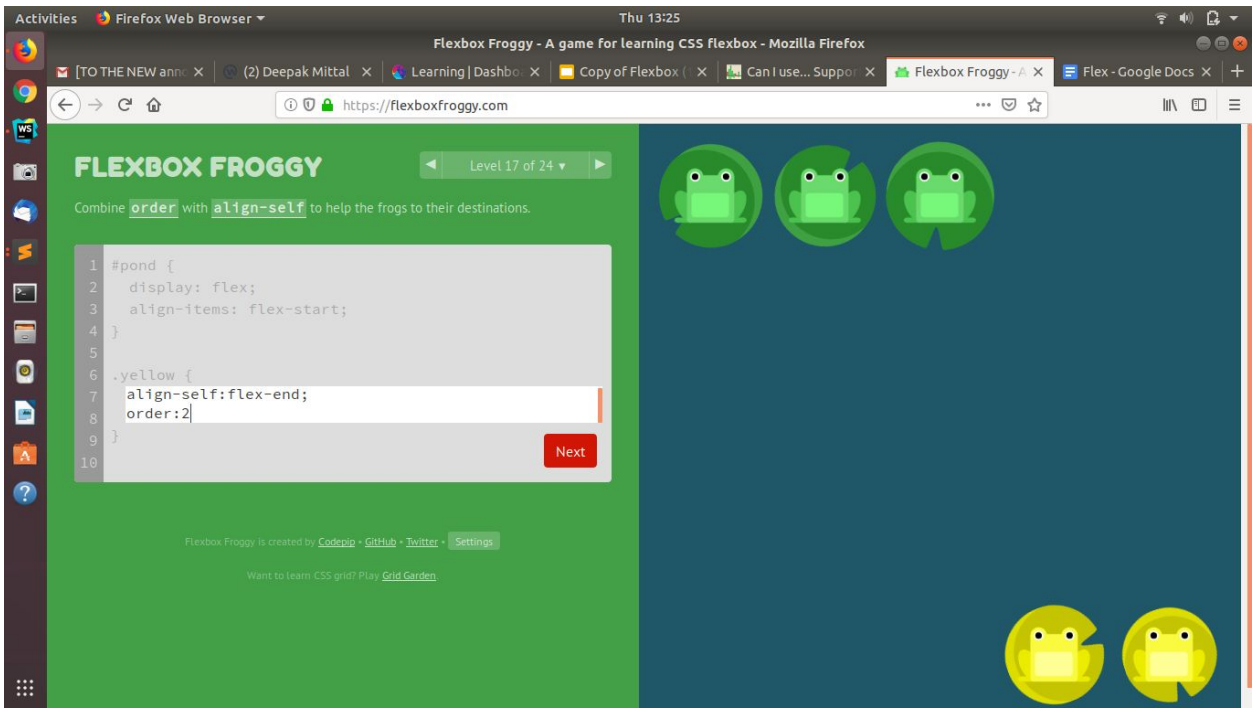
Q16.


Activities
Firefox Web Browser
Thu 13:23
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 16 of 24
Another property you can apply to individual items is align-self. This property accepts the same values as align-items and its value for the specific item.
#pond {
display: flex;
align-items: flex-start;
}
.yellow {
align-self:flex-end;
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings
Want to learn CSS grid? Play Grid Garden

Q17.


Activities
Firefox Web Browser
Thu 13:25
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 17 of 24
Combine order with align-self to help the frogs to their destinations.
#pond {
display: flex;
align-items: flex-start;
}
.yellow {
align-self:flex-end;
order:2
}
Next
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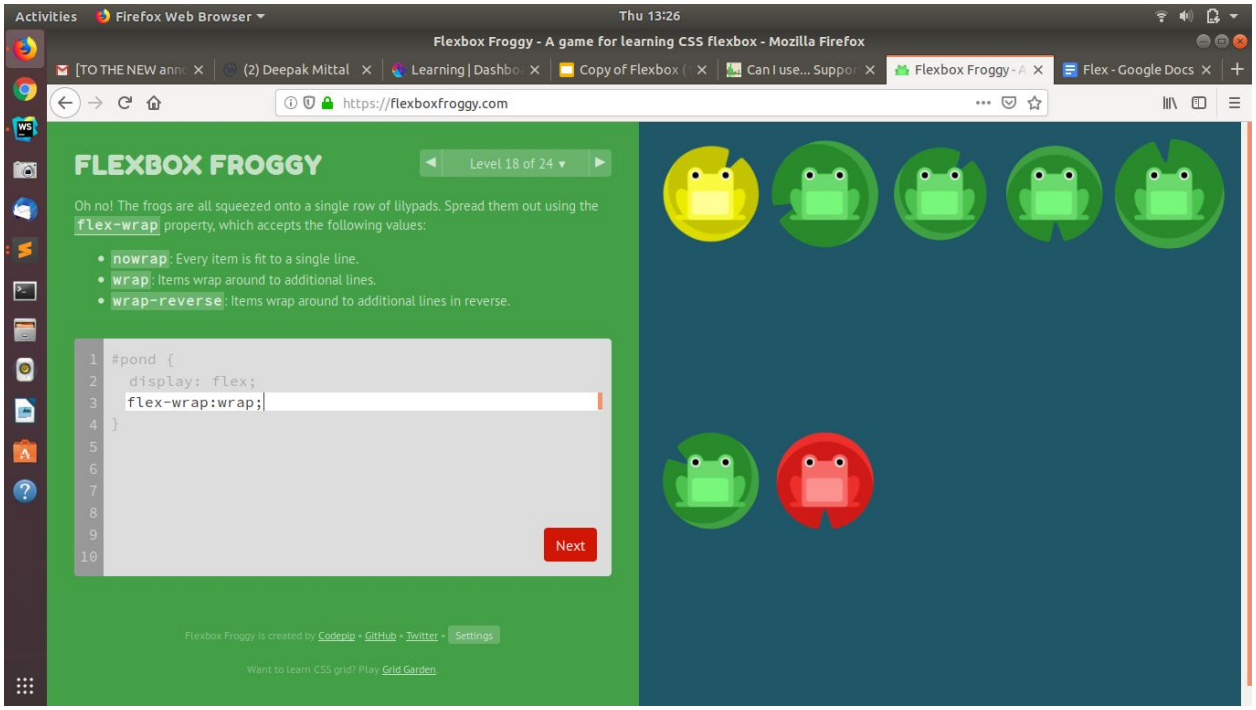
Q18.


Activities
Firefox Web Browser
Thu 13:26
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 18 of 24
Oh no! The frogs are all squeezed onto a single row of lilypads. Spread them out using the flex-wrap property, which accepts the following values:
nowrap: Every item is fit to a single line.
wrap: Items wrap around to additional lines.
wrap-reverse: Items wrap around to additional lines in reverse.
#pond {
display: flex;
flex-wrap:wrap;
}
Next
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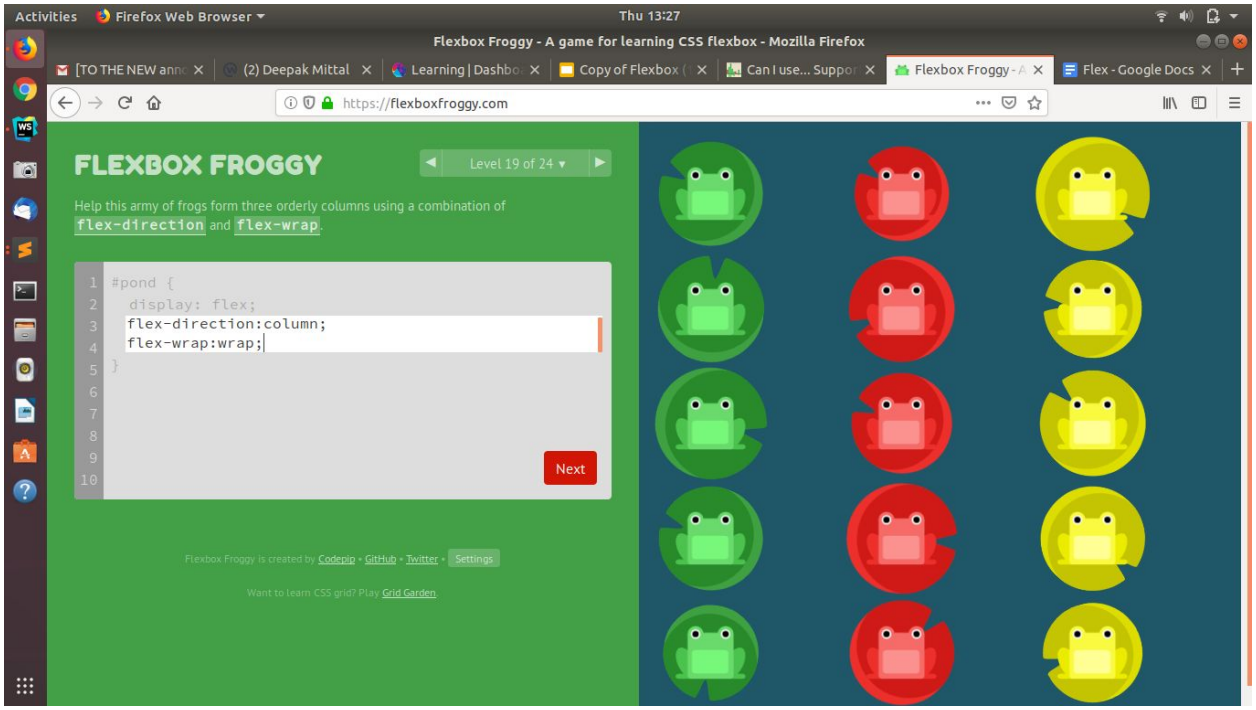
Q19.


Activities
Firefox Web Browser
Thu 13:27
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 19 of 24
Help this army of frogs form three orderly columns using a combination of flex-direction and flex-wrap.
#pond {
display: flex;
flex-direction:column;
flex-wrap:wrap;
}
Next
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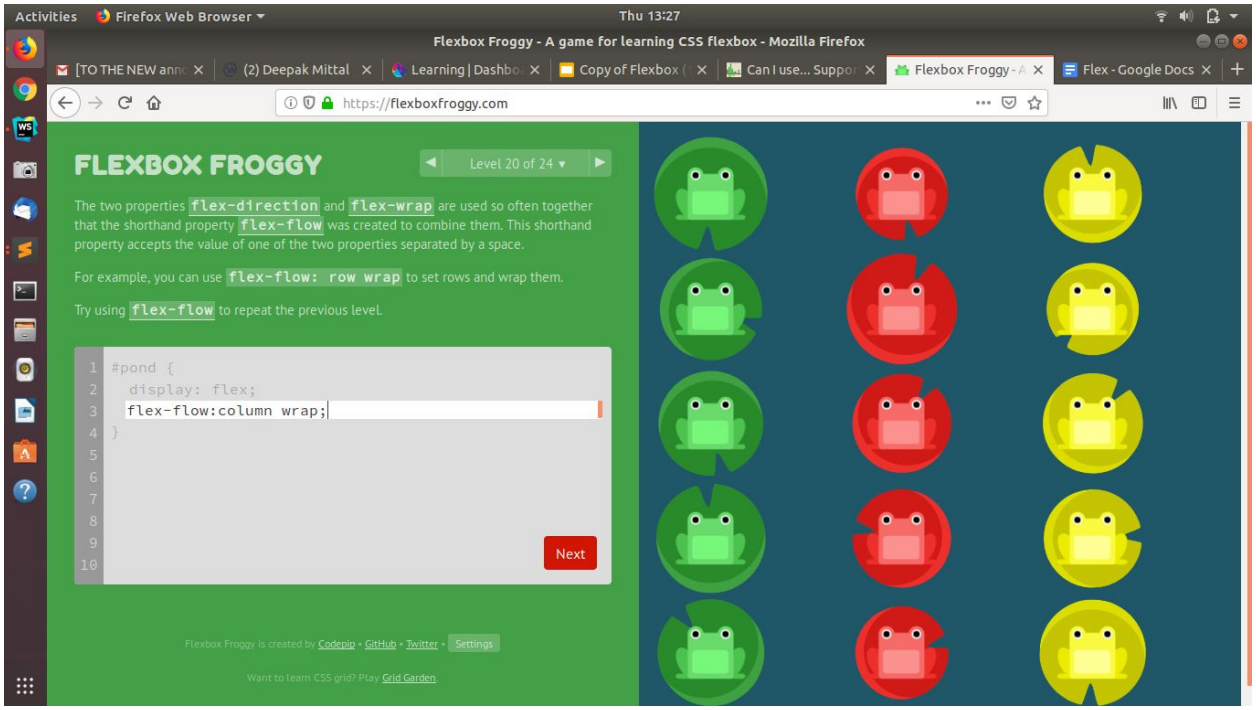
Q20.


Activities
Firefox Web Browser
Thu 13:27
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 20 of 24
The two properties flex-direction and flex-wrap are used so often together that the shorthand property flex-flow was created to combine them. This shorthand property accepts the value of one of the two properties separated by a space.
For example, you can use flex-flow: row wrap to set rows and wrap them.
Try using flex-flow to repeat the previous level.
#pond {
display: flex;
flex-flow:column wrap;
}
Next
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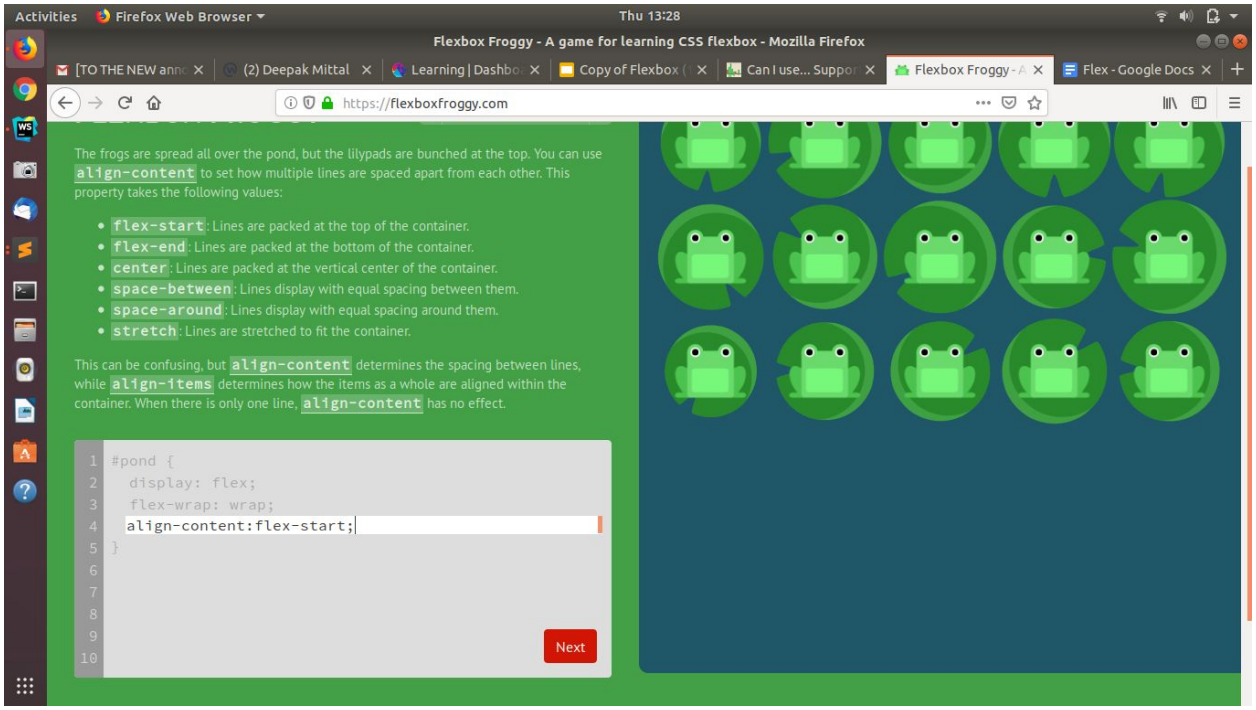
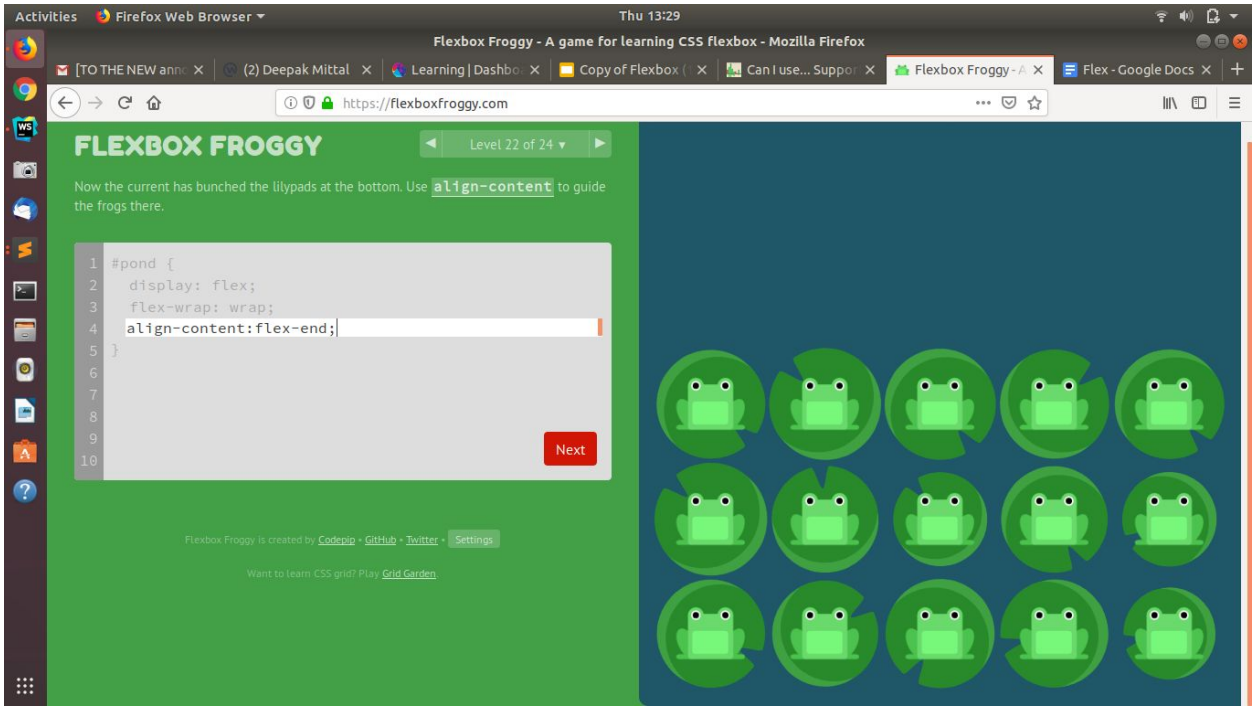
Q21.


Activities
Firefox Web Browser
Thu 13:28
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
The frogs are spread all over the pond, but the lilypads are bunched at the top. You can use align-content to set how multiple lines are spaced apart from each other. This property takes the following values:
flex-start: Lines are packed at the top of the container.
flex-end: Lines are packed at the bottom of the container.
center: Lines are packed at the vertical center of the container.
space-between: Lines display with equal spacing between them.
space-around: Lines display with equal spacing around them.
stretch: Lines are stretched to fit the container.
This can be confusing, but align-content determines the spacing between lines, while align-items determines how the items as a whole are aligned within the container. When there is only one line, align-content has no effect.
#pond {
display: flex;
flex-wrap: wrap;
align-content:flex-start;
}
Next

Q22.


Activities
Firefox Web Browser
Thu 13:29
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 22 of 24
Now the current has bunched the lilypads at the bottom. Use align-content to guide the frogs there.
#pond {
display: flex;
flex-wrap: wrap;
align-content:flex-end;
}
Next
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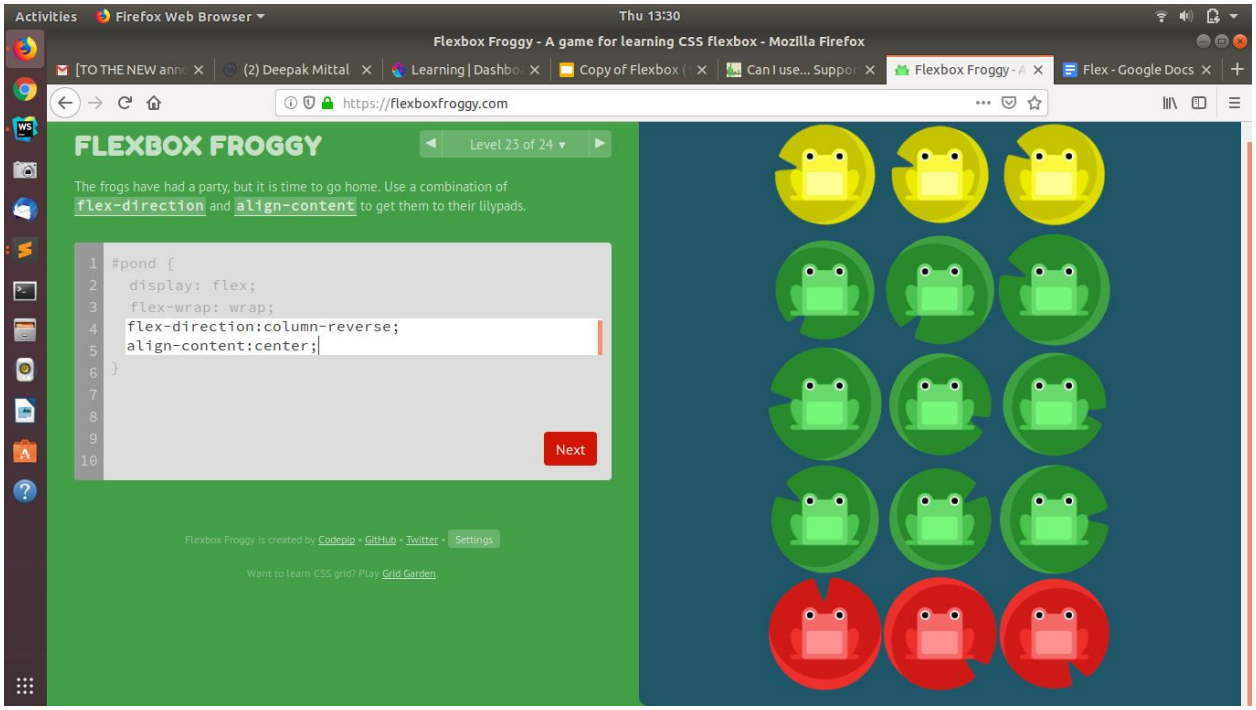
Q23.


Activities
Firefox Web Browser
Thu 13:30
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 23 of 24
The frogs have had a party, but it is time to go home. Use a combination of flex-direction and align-content to get them to their lilypads.
#pond {
display: flex;
flex-wrap: wrap;
flex-direction:column-reverse;
align-content:center;
}
Next
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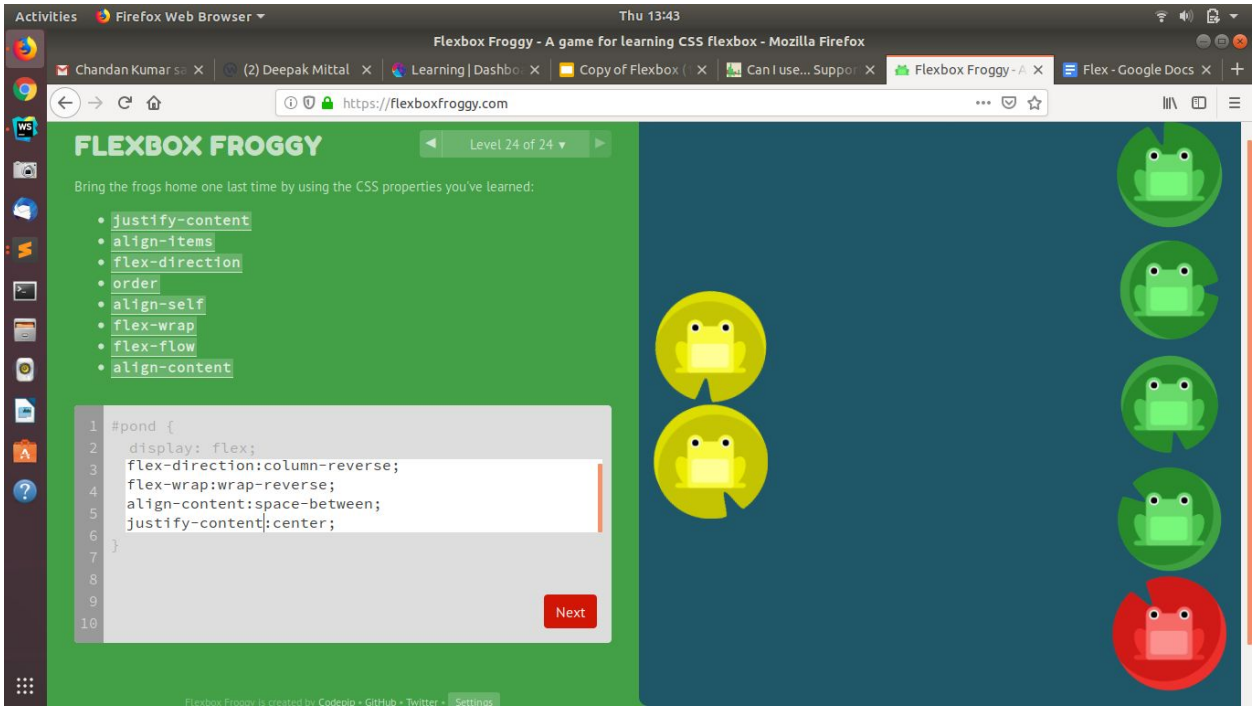
Q24.


Activities
Firefox Web Browser
Thu 13:43
Flexbox Froggy - A game for learning CSS flexbox - Mozilla Firefox
Chandan Kumar sa
(2) Deepak Mittal
Learning | Dashbo
Copy of Flexbox (
Can I use... Suppor
Flexbox Froggy - A
Flex - Google Docs
https://flexboxfroggy.com
FLEXBOX FROGGY
Level 24 of 24
Bring the frogs home one last time by using the CSS properties you've learned:
justify-content
align-items
flex-direction
order
align-self
flex-wrap
flex-flow
align-content
#pond {
display: flex;
flex-direction:column-reverse;
flex-wrap:wrap-reverse;
align-content:space-between;
justify-content:center;
}
Next
Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings