Name:	Ryan Izac Eudrik B. Gonda	Section	12-PROG-2
Date	10 Oct 2023		

Source Code (HTML):

```
<!DOCTYPE html>
<html>
<head>
   <title>Kinds Of Keyboard </title>
   <link rel="stylesheet" type="text/css" href="css/styles.css">
   <!--This line links to an external CSS file for styling -->
</head>
<body>
   <header>
       <h1> Kinds of Keyboard - Does it Matter?</h1>
   </header>
   <nav id="headernav0">
       <l
          <a href="#keyboard-sizes">Different Keyboard Sizes</a>
           <a href="#mechanical-switches">Mechanical Switches</a>
           <a href="#membrane-switches">Membrane Switches</a>
           <a href="#scissor-switches">Scissor Switches</a>
           <a href="#explore-more">Explore More</a>
       </nav>
   <main>
```

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```
<hr>>
       <section id="keyboard-sizes">
           <h2 class="animatedheader0"><u>A Comprehensive Guide to Keyboard Sizes: Finding the Perfect Fit</u>></h2>
           <div class="headicenter">
               <!-- This is the main heading for the keyboard sizes section -->
               <img src="Pictures/headi.png" alt="Image Heading">
           </div>
           Keyboards come in a variety of sizes, each catering to different needs and
preferences. From the compact and portable to the full-sized and ergonomic, the keyboard market offers a multitude of
options. In this article, we'll explore the various
               keyboard sizes available and help you choose the perfect fit for your specific requirements.
           <br>
           <h3 class="info1">1. Full-sized Keyboards</h3>
           <strong>Size:</strong> Standard layout with a width of approximately 17-18 inches and a depth of 6-8
inches.
           Full-sized keyboards are the most common and traditional type of keyboard. They feature the familiar
layout with a full set of keys, including the alphanumeric keys, function row, navigation cluster, and a numeric keypad
on the right side.
               These keyboards are excellent for general-purpose computing tasks, including typing documents, coding,
and data entry.
           <img src="Pictures/fullsizedkb.jpg" alt="Full-Sized Kevboard" width="500" height="600">
           <h4>Pros:</h4>
           <l
               Familiar layout with all essential keys.
               Ideal for touch typists.
               Numeric keypad for efficient data input.
```

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```
Suitable for long typing sessions.
          <h4>Cons:</h4>
          <l
              Bulky and less portable.
              Takes up more desk space.
          <hr>>
          <h3 class="info1">2. Tenkeyless (TKL) Keyboards</h3>
          <strong>Size:</strong> Slightly smaller than full-sized keyboards, typically around 14-15 inches in
width.
          Tenkeyless keyboards, as the name suggests, eliminate the numeric keypad found on full-sized keyboards.
This reduction in size makes them more compact and portable while retaining the essential keys for typing and gaming.
TKL keyboards are
              popular among gamers for their compact design, which allows for more mouse movement space.
          <img src="Pictures/tenkeyless-medium.jpg" alt="10keysKeyboard" width="500" height="600">
          <h4>Pros:</h4>
          Compact and portable.
              Ideal for gamers and minimalists.
              More desk space for mouse movement.
              Lightweight and easy to carry.
          <h4>Cons:</h4>
          <l
              Lack of numeric keypad may be inconvenient for some users.
```

_

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```
<br>
           <h3 class="info1">3. 60% Keyboards</h3>
           <strong>Size:</strong> Approximately 11-12 inches in width.
           <60% keyboards are the ultimate in compactness. They retain only the essential alphanumeric keys,</p>
punctuation keys, and a few function keys. These keyboards are ideal for those who value portability and desk space
savings above all else. They
              often require users to access additional functions through key combinations, making them a favorite
among programmers and those who prioritize efficiency.
           <img src="Pictures/60percent.png" alt="60percent Keyboard" width="500" height="600">
           <h4>Pros:</h4>
           Extremely compact and portable.
              Minimalist design.
              Great for programmers and on-the-go professionals.
              Can be customized with keycaps and layouts.
           <h4>Cons:</h4>
           <l
              Limited functionality due to the absence of many keys.
              Not suitable for heavy data input or complex gaming.
           <hr>>
           <h3 class="info1">4. Compact Keyboards</h3>
           <strong>Size:</strong> Between TKL and 60%, offering a balance between size and functionality.
```

_ . _ . . . _

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```
Compact keyboards aim to strike a balance between the portability of 60% keyboards and the functionality
of TKL keyboards. They retain most essential keys while omitting the numeric keypad and some function keys. Compact
keyboards are a versatile
              choice for users who want a smaller footprint without sacrificing too much functionality.
           <img src="Pictures/compactkb.jpg" alt="Compact Keyboard" width="500" height="600">
           <h4>Pros:</h4>
           Balance between size and functionality.
              Suitable for both typing and gaming.
              More desk space compared to full-sized keyboards.
              Enhanced portability.
           < h4>Cons:</h4>
           <l
              Not as compact as 60% keyboards.
              Some key combinations may be needed for less common functions.
           <hr>>
           <h3 class="info1">5. Ergonomic Keyboards</h3>
           <strong>Size:</strong> Varies, but often larger than standard keyboards due to unique ergonomic
shapes.
           Ergonomic keyboards come in various shapes and sizes, designed to reduce strain and discomfort during
extended typing sessions. They may have split designs, contoured key layouts, or adjustable angles to promote a more
natural typing posture.
              These keyboards are ideal for individuals with repetitive strain injuries or those who prioritize
ergonomic health.
```

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```
<img src="Pictures/ergonomickb.png" alt="Ergonomic Keyboard" width="500" height="600">
           <h4>Pros:</h4>
           <l
              Promotes better typing posture and reduces strain.
              Customized layouts for comfort.
              Ideal for people with wrist or hand issues.
              Some models offer wireless options for increased flexibility.
           <h4>Cons:</h4>
           <l
              Can be bulkier and less portable.
              May have a steeper learning curve for newcomers.
           <hr>>
           <h2 class="animatedheader0">Conclusion</h2>
           The choice of keyboard size depends on your specific needs and preferences. Whether you're a gamer, a
programmer, a writer, or someone who values ergonomic comfort, there's a keyboard size designed just for you. Consider
your primary use case,
              desk space, and portability requirements when making your decision. With the right keyboard size, you
can enhance your productivity and typing experience.
       </section>
       <div class="container2">
           <img src="Pictures/disimagekb.png" alt="keyboard" width="400" height="400">
           <img src="Pictures/cat-crazy-cat.gif" alt="cat typing" width="400" height="400">
       </div>
```

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```
</main>
<hr>
<br>
<br>
<br>
<h2>Are keyboard Switches_different?</h2>
```

Keyboards are something we use all the time, whether it's for work, gaming, or just everyday tasks on our computers. But have you ever thought about what's underneath those keys? Well, it turns out that the type of switch under each key can make a

big difference in how our keyboards feel and perform. Choosing the right switch is crucial because it affects how comfortable and efficient our typing experience is. There are different types of switches, each with its own unique qualities, and

they cater to various preferences and needs. Some switches are all about that satisfying clicky feel when you press a key, which can be great for typing. Others are designed to be super quiet, which is handy if you're in a noise-sensitive environment.

And if you're into gaming, there are switches that provide lightning-fast response times. So, picking the right keyboard switch isn't just about personal preference; it can actually enhance your overall computer use and make your keyboard feel

just right for you.

Mechanical switches are known for their tactile feedback and audible click sound. They are popular among gamers and typists who prefer a precise and tactile typing experience. Some people prefer this because when you press them, you can feel a little

bump, and they make a satisfying click sound. People who love playing games and those who type a lot really like these switches because they make typing feel precise and enjoyable. So, if you want your typing and gaming to feel extra nice,

mechanical switches are the way to go!

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```
<img src="Pictures/mswitches.jpeg" alt="Mechanical Switch" width="400">
    </section>
    <section id="membrane-switches">
        <h2>Membrane Switches</h2>
           Membrane switches are a popular choice due to their cost-effectiveness and versatility, finding extensive
application in a wide range of keyboards. These switches operate by utilizing rubber domes to detect and record key
presses. This design not only
           makes them affordable but also contributes to a quieter typing experience when compared to the more audible
keystrokes produced by mechanical switches. This combination of affordability and quiet performance has made membrane
switches a preferred
           option for many keyboard users.
        <img src="Pictures/membrane.jpeg" alt="Membrane Switch" width="400">
    </section>
    <section id="scissor-switches">
        <h2>Scissor Switches</h2>
        <img src="Pictures/scissorswitchmac.png" alt="Scissor Switch" width="400">
           Scissor switches are a type of keyboard mechanism commonly found in slim laptops and sleek low-profile
keyboards. They're known for their user-friendly design and are favored in portable devices. These switches are designed
to provide a comfortable typing
```

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experience while keeping devices thin and compact. When you press a key with a scissor switch, two plastic pieces resembling a pair of scissors come together, creating a smooth keystroke. One of the great things about scissor switches is that

they offer a shallow keypress. This means you don't have to press the keys very far, making typing quicker and reducing finger fatigue during long typing sessions. The shallow design also contributes to the slimness of laptops and keyboards.

Thanks to their space-saving design, scissor switches play a crucial role in making laptops and keyboards thinner without sacrificing usability. So, the next time you type on a slim laptop or low-profile keyboard, you can appreciate the scissor

```
switches that make it all possible.
       </section>
   <section id="explore-more">
       <h2 class="animatedheader0">Explore More about Keyboard Switches</h2>
       <div class="external links">
           <l
               <a href="https://www.zdnet.com/article/mechanical-keyboards-guide/">Mechanical Keyboards - A
Comprehensive Guide</a>
               <a href="https://kineticlabs.com/blog/mechanical-keyboards-vs-membrane-keyboards">Membrane vs.
Mechanical Keyboards: Which is Right for You?</a>
               <a href="https://www.gadgetreview.com/what-is-scissor-switch-keyboard">The Advantages of Scissor
Switch Keyboards</a>
           </div>
   </section>
   <hr>>
   <section id="explore-more">
       <h2 class="animatedheader0"> Curious For More Types Of Keyboard? - Visit these websites:</h2>
```

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Source Code (CSS):

```
@font-face {
    font-family: 'CustomFont';
   src: url('../Pictures/mono.ttf') format('truetype');
   /* applies local custom font */
body {
    font-family: 'CustomFont', sans-serif;
    font-size: 18px;
   line-height: 1.5;
   margin: 0;
    padding: 0;
   background-image: url('../Pictures/v657-adj-51-abstractelements.jpg');
    background-size: auto;
    background-position: center;
    background-repeat: repeat;
header {
    background-color: #72BCD4;
    color: black;
   text-align: center;
    padding: 20px;
   margin: 0;
    .headicenter {
```

DIGG 4 OT E 4 DA4 6

Name:	Ryan Izac Eudrik B. Gonda	Section	12-PROG-2
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```
border: solid black 2px;
        display: flex;
        justify-content: center;
       margin: 0;
        align-items: center;
       height: 100vh;
   img {
       max-width: 100%;
       max-height: 100%;
#headernav0 {
    background-color: rgb(240, 228, 228);
   border: 3px solid black;
nav ul {
   list-style-type: none;
   margin: 0;
   padding: 0;
   text-align: center;
nav ul li {
   display: inline;
    margin-right: 20px;
```

NOO 4 OT E 4 DA4 0

Name:	Ryan Izac Eudrik B. Gonda	Section	12-PROG-2
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```
and paragraphs */
h2 {
    font-size: 32px;
   color: #333;
.info1 {
   border: 2px solid black;
   margin: 20px 0;
   color: #000000;
img {
   max-width: 100%;
   height: auto;
   display: block;
   margin: 20px 0;
 /* New CSS for image placement ( image + cat typing gif in a border) */
 .image-container {
   text-align: center;
```

DIGGA OT E A DIA 6

Name:	Ryan Izac Eudrik B. Gonda	Section	12-PROG-2
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```
.container2 {
   border: 2px solid black;
   float: right;
   margin: 20px;
footer {
    background-color: rgb(240, 228, 228);
   color: whitesmoke;
   text-align: center;
   padding: 10px 0;
/* This part of code defines a hover effect for an element with class "animatedheader0" */
/* Define the initial state of the ::before pseudo-element */
.animatedheader0::before {
   transform: scaleX(0);
   transform-origin: bottom right;
.animatedheader0:hover::before {
   transform: scaleX(1);
   transform-origin: bottom left;
   /* Set the transformation origin to the bottom left corner on hover */
```

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```
/* Style for the ::before pseudo-element */
.animatedheader0::before {
   content: " ";
   display: block;
   position: absolute;
  /* Position absolutely within the parent element */
   top: 0;
   right: 0;
   bottom: 0;
   left: ∅;
   inset: 0 0 0 0;
   background: #ade6d8;
   /* Set the background color using Hex code */
   z-index: -1;
   transition: transform .3s ease;
.animatedheader0 {
   /* Style for the parent element with class "animatedheader0" */
   position: relative;
   font-size: 32px;
```

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Output:

DIGG 4 OT 5 4 DIA

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Kinds of Keyboard - Does it Matter?

Different Keyboard Sizes

Mechanical Switches

Membrane Switches

Scissor Switches

Explore More

A comprehensive Guide to Keyboard Sizes: Finding the Perfect Fit



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Keyboards come in a variety of sizes, each catering to different needs and preferences. From the compact and portable to the full-sized and ergonomic, the keyboard market offers a multitude of options. In this article, we'll explore the various keyboard sizes available and help you choose the perfect fit for your specific requirements.

1. Full-sized Keyboards

Size: Standard layout with a width of approximately 17-18 inches and a depth of 6-8 inches.

Full-sized keyboards are the most common and traditional type of keyboard. They feature the familiar layout with a full set of keys, including the alphanumeric keys, function row, navigation cluster, and a numeric keypad on the right side. These keyboards are excellent for general-purpose computing tasks, including typing documents, coding, and data entry.



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. Full-sized Keyboards

Size: Standard layout with a width of approximately 17-18 inches and a depth of 6-8 inches.

Full-sized keyboards are the most common and traditional type of keyboard. They feature the familiar layout with a full set of keys, including the alphanumeric keys, function row, navigation cluster, and a numeric keypad on the right side. These keyboards are excellent for general-purpose computing tasks, including typing documents, coding, and data entry.



Pros:

· Familiar layout with all essential keys.

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- · Ideal for touch typists.
- Numeric keypad for efficient data input.
- · Suitable for long typing sessions.

cons:

- · Bulky and less portable.
- · Takes up more desk space.

2. Tenkeyless (TKL) Keyboards

Size: Slightly smaller than full-sized keyboards, typically around 14-15 inches in width.

Tenkeyless keyboards, as the name suggests, eliminate the numeric keypad found on full-sized keyboards. This reduction in size makes them more compact and portable while retaining the essential keys for typing and gaming. TKL keyboards are popular among gamers for their compact design, which allows for more mouse movement space.



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Pros:

- · compact and portable.
- · Ideal for gamers and minimalists.
- More desk space for mouse movement.
- · Lightweight and easy to carry.

Cons

· Lack of numeric keypad may be inconvenient for some users.

3. 60% Keyboards

Size: Approximately 11-12 inches in width.

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60% keyboards are the ultimate in compactness. They retain only the essential alphanumeric keys, punctuation keys, and a few function keys. These keyboards are ideal for those who value portability and desk space savings above all else. They often require users to access additional functions through key combinations, making them a favorite among programmers and those who prioritize efficiency.



Pros:

- · Extremely compact and portable.
- · Minimalist design.
- · Great for programmers and on-the-go professionals.
- Can be customized with keycaps and layouts.

cons:

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- · Limited functionality due to the absence of many keys.
- · Not suitable for heavy data input or complex gaming.

4. Compact Keyboards

Size: Between TKL and 60%, offering a balance between size and functionality.

compact keyboards aim to strike a balance between the portability of 60% keyboards and the functionality of TKL keyboards. They retain most essential keys while omitting the numeric keypad and some function keys. Compact keyboards are a versatile choice for users who want a smaller footprint without sacrificing too much functionality.



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Pros:

- · Balance between size and functionality.
- · Suitable for both typing and gaming.
- · More desk space compared to full-sized keyboards.
- · Enhanced portability.

Cons:

- Not as compact as 60% keyboards.
- · Some key combinations may be needed for less common functions.

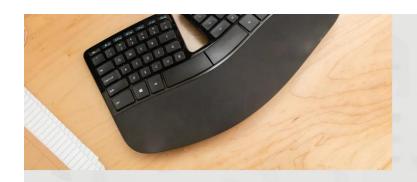
5. Ergonomic Keyboards

Size: Varies, but often larger than standard keyboards due to unique ergonomic shapes.

Ergonomic keyboards come in various shapes and sizes, designed to reduce strain and discomfort during extended typing sessions. They may have split designs, contoured key layouts, or adjustable angles to promote a more natural typing posture. These keyboards are ideal for individuals with repetitive strain injuries or those who prioritize ergonomic health.



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Pros:

- · Promotes better typing posture and reduces strain.
- · customized layouts for comfort.
- Ideal for people with wrist or hand issues.
- · Some models offer wireless options for increased flexibility.

Cons:

- · Can be bulkier and less portable.
- May have a steeper learning curve for newcomers.

Name:	Ryan Izac Eudrik B. Gonda	Section	12-PROG-2
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conclusion

The choice of keyboard size depends on your specific needs and preferences. Whether you're a gamer, a programmer, a writer, or someone who values ergonomic comfort, there's a keyboard size designed just for you. Consider your primary use case, desk space, and portability requirements when making your decision. With the right keyboard size, you can enhance your productivity and typing experience.

Are keyboard Switches different?

keyboards are something we use all the time, whether it's for work, gaming, or just everyday tasks on our computers. But have you ever thought about what's underneath those keys? Well, it turns out that the type of switch under each key can make a big difference in how our keyboards feel and perform. Choosing the right switch is crucial because it affects how comfortable and efficient our typing experience is. There are different types of switches, each with its own unique qualities, and they cater to various preferences and needs. Some switches are all about that satisfying clicky feel when you press a key, which can be great for typing. Others are designed to be super quiet, which is handy if you're in a noise-sensitive environment. And if you're into gaming, there are switches that provide lightning-fast response times. So, picking the right keyboard switch isn't just about personal preference; it can actually enhance your overall computer use and make your keyboard feel just right for you.



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Mechanical Switches

Mechanical switches are known for their tactile feedback and audible click sound. They are popular among gamers and typists who prefer a precise and tactile typing experience. Some people prefer this because when you press them, you can feel a little bump, and they make a satisfying click sound. People who love playing games and those who type a lot really like these switches because they make typing feel precise and enjoyable. So, if you want your typing and gaming to feel extra nice, mechanical switches are the way to go!





Membrane Switches

Membrane switches are a popular choice due to their cost-effectiveness and versatility, finding extensive application in a wide range of keyboards. These switches operate by utilizing rubber domes to detect

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and record key presses. This design not only makes them affordable but also contributes to a quieter typing experience when compared to the more audible keystrokes produced by mechanical switches. This combination of affordability and quiet performance has made membrane switches a preferred option for many keyboard users.



Scissor Switches



Name:	Ryan Izac Eudrik B. Gonda	Section	12-PROG-2
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Scissor switches are a type of keyboard mechanism commonly found in slim laptops and sleek low-profile keyboards. They're known for their user-friendly design and are favored in portable devices. These switches are designed to provide a comfortable typing experience while keeping devices thin and compact. When you press a key with a scissor switch, two plastic pieces resembling a pair of scissors come together, creating a smooth keystroke. One of the great things about scissor switches is that they offer a shallow keypress. This means you don't have to press the keys very far, making typing quicker and reducing finger fatigue during long typing sessions. The shallow design also contributes to the slimness of laptops and keyboards. Thanks to their space-saving design, scissor switches play a crucial role in making laptops and keyboards thinner without sacrificing usability. So, the next time you type on a slim laptop or low-profile keyboard, you can appreciate the scissor switches that make it all possible.

Explore More about Keyboard Switches

- · Mechanical Keyboards A comprehensive Guide
- · Membrane vs. Mechanical Keyboards: Which is Right for You?
- . The Advantages of Scissor Switch Keyboards

Curious For More Types Of Keyboard? - Visit these websites:

DIGG 4 OT E 4 D14 A

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curious For More Types Of Keyboard? - Visit these websites:

- Keyboard Sizes & Layouts
- Different Types of Computer Keyboards Explored>
- 10 Types of Keyboards and Their Functions

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Date	10 Oct 2023		

Sample Output:

DIGGAGE FARMS

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DIGGAGE E ADM O

Name:	Ryan Izac Eudrik B. Gonda	Section	12-PROG-2
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DIGGAGE E ADM O