

Week_15

Trinity

Coding 4 Kids 01/13/2025

We will learn more about "Why",
Why is Touch Typing important?

And WHY do computers interact with users?
Why this is important is in today's class

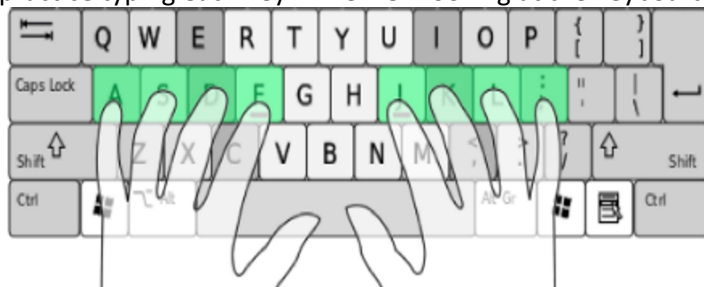
Lets begin our class with a brief review:

Touch Typing - is a style of typing without looking at the keys as you type. Although the phrase refers - typing without using the sense of sight to find the keys. A **touch typist will know the location of the keys on the keyboard through muscle memory.**

Our number one rule is

"Don't Look at the Keyboard"

Learn the finger for each key and memorize the location, the practice typing each key while NOT looking at the keyboard.



Questions:

1. What is "Touch Typing"?
2. What finger does the [A] key get pressed with?
3. What finger does the [F] key get pressed with?
4. Where should your wrists be while typing?

5. What does proper typing "Posture" mean?
6. What is the #1 rule?
7. Tell me the keys on the "Home Row"?
8. What finger does the [G] key get pressed with ?
9. What finger does the [H] key get pressed with ?
10. What finger does the [L] key get pressed with?
11. What finger does the [S] key get pressed with?
12. What finger does the [T] key get pressed with?
13. What finger does the [U] key get pressed with?

Proper Keyboarding Techniques



Advantages of Touch Typing Skills

1. **Speed.** This is going to be the first and most obvious benefit of learning to touch type. A touch typist can easily reach typing speeds above 75-80 [words per minute](#), while a hunt and peck typist would be hard pressed to reach 30 words per minute. This also increased by the fact that an accomplished touch typist doesn't have to look at the keyboard. It is difficult to type something while reading it if you have to look down at the keyboard every other stroke to find your next key.

2. **Accuracy.** One of the most important things to learn no matter how hard you type is to type accurately. Avoiding mistakes is important.

3. **Time.** If you increase your typing speed from, say 10 words per minute to 30, you have effectively halved the

time it would take you to do the same amount of work. An average two finger typist, typing at for example of 5 words per minute, will type a 250 word section in about 25 minutes. A touch typist, on the other hand, typing at an average 30 words per minute, can type the same section in around 8 minutes.

4. **Fatigue.** Typing is both mentally and physically exhausting to do for long periods of time. Learning to touch type properly reduces both mental and physical fatigue. Mentally, it keeps you from having to focus on two things at once. All you have to worry about is your output, not finding the individual keys. Physically, it keeps you from constantly having to bend your head over the keyboard to find your next couple of keystrokes.

5. **Health.** Overall, touch typing is better for your health. You're not hunched over looking at the keys, and using all of your fingers actually reduces the risk for repetitive stress injuries, or RSI. Many people who work on keyboards or with computers all day are at risk for these repetitive stress injuries.

6. **Job Prospects.** Typing is not an optional skill anymore. Many employers require computer skills and a certain typing speed to even be considered for some positions. Needless to say, they aren't looking for 10-20 word per minute hunt and peck typists. Learning to touch type, and to do so accurately, can be one of the most invaluable skills of your career.

7. **Focus.** When you're typing with two fingers, your focus is split between finding the keys on the keyboard and the work you are doing on the computer. Learning to touch type allows you to focus on one thing instead of two. This tends to increase productivity and make it easier to pay attention to the details of your project rather than having to focus on your keys.

8. **Editing.** If you spend your time staring at your keyboard, you are not going to notice spelling or grammar mistakes until well after you have made them. Touch typing give you the option of editing as you go. You'll be able to see errors as they appear and backspace to fix them. This is also good for grammar mistakes, as what you see in your head may not sound as good on paper.

Next, we will take an easy typing test:

📌 Week_15_Beginner_Simple_Touch_Typing_Test ●



Students will practice touch typing with this beginner Touch Typing Test

📌 Week_15_Intermediate_Touch_Typing_Test ●



Students will practice touch typing with this intermediate touch typing test. Beginning with a warmup...

Later this month, we will expand our coding knowledge with JavaScript, and learn Brackets...

Next we will have a coding segment to learn about:
EVENTS

Event Handling in Code is very important:

(Launch a browser) type this in the URL:

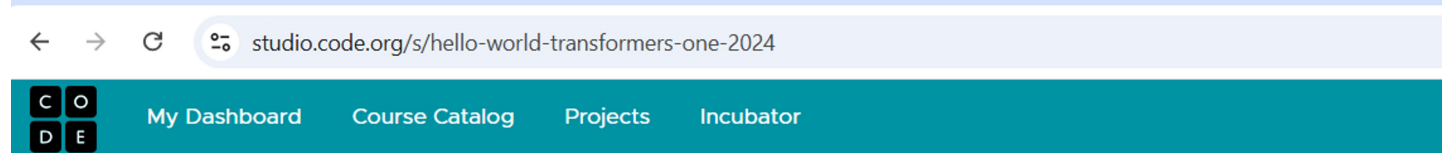
<<Not the search bar>>

<https://studio.code.org/s/hello-world-transformers-one-2024/lessons/1/levels/1>

or for short:

[Studio.code.org/s/hello-world-transformers-one-2024](https://studio.code.org/s/hello-world-transformers-one-2024)

(that will bring you to this screen) -



Hello World: Transformers One

Continue

Get Help



Hello World: Transformers One

Continue

Get Help

Lesson Name	Progress
1. Hello World: Transformers One	1 2 3 4 5 6 7 8 9 10 11 12

Hello World: Transformers One



Run your code!

Press the Run button to activate

```
when run
  set background to [background]
  make new [gear] sprite at (192, 216)
  make new [robot] sprite at (82, 150)
  make new [robot] sprite at (209, 253)
  make new [robot] sprite at (326, 126)
  [gear] jump to (7, 394)
  sprite [gear] begins wandering
  change [gear] speed by 0.2
```