

IttyBittySite Example

This example demonstrates the capability to build a small—or, itty bitty—website that can transmit information without the use of an Internet browser. The site also generates a QR Code, when the total character count fits within the boundaries of a QR Code.

Link to Edit Page:

itty.bitty.site/edit

NOTE: If you navigate to itty.bitty.site, you are prompted to create an account. If you go to the /edit page, you can bypass account creation; however, you lose your work. If you save your work in a .txt file (on your computer), you can copy/paste back to itty.bitty.site/edit at any time. Oh: to get started, enter a character to wipe out the initial display when you first enter the edit page; this removes the shadow display behind whatever text you might enter.

APTITUDES LIST

Begin with a list of aptitudes, as follows:

- Arm-Hand Steadiness
- Auditory Attention
- Category Flexibility
- Control Precision
- Deductive Reasoning
- Depth Perception
- Dynamic Flexibility
- Dynamic Strength
- Explosive Strength
- Extent Flexibility
- Far Vision
- Finger Dexterity
- Flexibility of Closure
- Fluency of Ideas
- Glare Sensitivity
- Gross Body Coordination
- Gross Body Equilibrium
- Hearing Sensitivity
- Inductive Reasoning
- InformationOrdering
- Manual Dexterity
- Mathematical Reasoning
- Memorization
- Multi-limb Coordination
- Near Vision

- Night Vision
- Number Facility
- Oral Comprehension
- Oral Expression
- Originality
- Perceptual Speed
- Peripheral Vision
- Problem Sensitivity
- Rate Control
- Reaction Time
- Response Orientation
- Selective Attention
- Sound Localization
- Spatial Orientation
- Speech Clarity
- Speech Recognition
- Speed of Closure
- Speed of Limb Movement
- Stamina
- Static Strength
- Time Sharing
- Trunk Strength
- Visual Color Discrimination
- Visualization
- Wrist-Finger Speed
- Written Comprehension
- Written Expression

HTML

Next, create the HTML to display the list:

```
<body>
<h1>APTITUDES</h1>
<ul>
<li>Arm-Hand Steadiness</li>
<li>Auditory Attention</li>
<li>Category Flexibility</li>
<li>Control Precision</li>
<li>Deductive Reasoning</li>
<li>Depth Perception</li>
<li>Dynamic Flexibility</li>
```

- Dynamic Strength
- Explosive Strength
- Extent Flexibility
- Far Vision
- Finger Dexterity
- Flexibility of Closure
- Fluency of Ideas
- Glare Sensitivity
- Gross Body Coordination
- Gross Body Equilibrium
- Hearing Sensitivity
- Inductive Reasoning
- InformationOrdering
- Manual Dexterity
- Mathematical Reasoning
- Memorization
- Multi-limb Coordination
- Near Vision
- Night Vision
- Number Facility
- Oral Comprehension
- Oral Expression
- Originality
- Perceptual Speed
- Peripheral Vision
- Problem Sensitivity
- Rate Control
- Reaction Time
- Response Orientation
- Selective Attention
- Sound Localization
- Spatial Orientation
- Speech Clarity
- Speech Recognition
- Speed of Closure
- Speed of Limb Movement
- Stamina
- Static Strength
- Time Sharing
- Trunk Strength
- Visual Color Discrimination
- Visualization
- Wrist-Finger Speed
- Written Comprehension

Written Expression
</body>

APTITUDES LINK

The link generated on IttyBitty for the above HTML is:

<https://itty.bitty.site/#/data:text/html;charset=utf-8;bxze64,XQAAAKIBQAAAAAAAAAeGINmWR9D5tVbGDM+5SV6CX7BdgWt6mlhJbbi/bvMCvU4h7hZh3dtJ41+quEEgPSg+IOw5XVoCOyJfqC9UuqqvC5d13dnojWtaEs6pxBqVFgwzB6R065eSrw9jOJ0xihFRDy/8iHhV/IYj791ygo85TGTL4dj6xGNPXIrq0dVLE7me8D03aHxrsaBYkLgp9CleqbaebDwnFJ5Z9A+ab+rA02IXqh8GNhEMaHWaT9zJXPjJ+HPfwAeemCtcmuXFEQs9+GBUfszAQPytm8jRFFy3NXyH/lonsc6XJWoeQyzJchIU3j2818UrVUHu1cM618dDYmrmyez7BdHtjVaP9UjZFgOD79qXfoYzeucQiWAXwLfzWhj3JessN/T2zYi/IteJtDYNxz//23yC8lbOA/gGtfsXZ5aC+6OfqMyK0QZCcy0HaiRNhXv2OQOIZCAPPmbJkESpNYkpaXDI2P5yKi8K5H978crRrok+FjvwbjAAVEfiDJHCnDEBp7rczpv/o89zsgG0CYfGUBrLZTbe9ByU5LfeuYpcTxLWYuyGawQpz+GNif9DevamIJg7QUfOZA0SftjIdA8+OmlMD9b24ZnkXy7J4CE16nVvtaz39gtNhdN0iKja/r51esLRdJ9PRikK5EjdF6aqzvYnbx mjd/dI+q97z+5E4r7DsVTvpqv5xTPpZ7doPxJSELPh2APIewdMiGQRCw72YRIs/V/CRKFA==>

TESTING THE TENSILE STRENGTH OF itty.bitty.site

Next, add a link for one of the aptitudes that navigates to another page.

ORIGINAL HTML:

```
<body>
<h1>APTITUDES</h1>
<ul>
<li>Arm-Hand Steadiness</li>
<li>Auditory Attention</li>
<li>Category Flexibility</li>
<li>Control Precision</li>
<li>Deductive Reasoning</li>
<li>Depth Perception</li>
<li>Dynamic Flexibility</li>
<li>Dynamic Strength</li>
<li>Explosive Strength</li>
<li>Extent Flexibility</li>
<li>Far Vision</li>
<li>Finger Dexterity</li>
<li>Flexibility of Closure</li>
<li>Fluency of Ideas</li>
<li>Glare Sensitivity</li>
```

- Gross Body Coordination
- Gross Body Equilibrium
- Hearing Sensitivity
- Inductive Reasoning
- InformationOrdering
- Manual Dexterity
- Mathematical Reasoning
- Memorization
- Multi-limb Coordination
- Near Vision
- Night Vision
- Number Facility
- Oral Comprehension
- Oral Expression
- Originality
- Perceptual Speed
- Peripheral Vision
- Problem Sensitivity
- Rate Control
- Reaction Time
- Response Orientation
- Selective Attention
- Sound Localization
- Spatial Orientation
- Speech Clarity
- Speech Recognition
- Speed of Closure
- Speed of Limb Movement
- Stamina
- Static Strength
- Time Sharing
- Trunk Strength
- Visual Color Discrimination
- Visualization
- Wrist-Finger Speed
- Written Comprehension
- Written Expression

</body>

HERE'S THE REPLACEMENT LINK FOR THE FIRST APTITUDE:

```
<!Arm-Hand Steadiness-->
<a href="https://itty.bitty.site/#/data:text/html;charset=utf-
8;bxze64,XQAAAAJ1AAAAAAAAAAAAAeGgIj4ULiJt0QLfVLtSR9qrDdK5gfeKPkAUWbYweXmJjkVjSp
ECMbZmAFcuUP3PRKwi3zHvqWuWYlgP5SAiikciL8JtpF3SKn9d6nA1Guo/9cPHAC/YRb4zyiWOr
Qxnv7Tfca">Arm-Hand Steadiness</a>
```

Replace the HTML for Arm-Hand Steadiness with this HTML:

```
<li>Arm-Hand Steadiness</li>
```

becomes...

```
<li><a href="https://itty.bitty.site/#/data:text/html;charset=utf-
8;bxze64,XQAAAAJ1AAAAAAAAAAAAAeGgIj4ULiJt0QLfVLtSR9qrDdK5gfeKPkAUWbYweXmJjkVjSp
ECMbZmAFcuUP3PRKwi3zHvqWuWYlgP5SAiikciL8JtpF3SKn9d6nA1Guo/9cPHAC/YRb4zyiWOr
Qxnv7Tfca">Arm-Hand Steadiness</a></li>
```

NEW HTML FOR APTITUDE LIST

The unordered list (ul) for the 3 examples of Arm-Hand Steadiness was encoded in HTML on IttyBitty and the generated link replaced the original link to the Arm-Hand Steadiness text, as follows:

```
<body>
<h1>APTITUDES</h1>
<ul>
<li><a href="https://itty.bitty.site/#/data:text/html;charset=utf-
8;bxze64,XQAAAAJ1AAAAAAAAAAAAAeGgIj4ULiJt0QLfVLtSR9qrDdK5gfeKPkAUWbY
weXmJjkVjSpECMbZmAFcuUP3PRKwi3zHvqWuWYlgP5SAiikciL8JtpF3SKn9d6nA1
Guo/9cPHAC/YRb4zyiWOrQxnv7Tfca">Arm-Hand Steadiness</a></li>
<li>Auditory Attention</li>
<li>Category Flexibility</li>
<li>Control Precision</li>
<li>Deductive Reasoning</li>
<li>Depth Perception</li>
<li>Dynamic Flexibility</li>
<li>Dynamic Strength</li>
<li>Explosive Strength</li>
<li>Extent Flexibility</li>
<li>Far Vision</li>
<li>Finger Dexterity</li>
<li>Flexibility of Closure</li>
<li>Fluency of Ideas</li>
<li>Glare Sensitivity</li>
<li>Gross Body Coordination</li>
<li>Gross Body Equilibrium</li>
```

- Hearing Sensitivity
- Inductive Reasoning
- InformationOrdering
- Manual Dexterity
- Mathematical Reasoning
- Memorization
- Multi-limb Coordination
- Near Vision
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- Speed of Limb Movement
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- Written Comprehension
- Written Expression

</body>

NEW itty.bitty.site LINK

This altered HTML generated the following IttyBitty Link:

<https://itty.bitty.site/#/data:text/html;charset=utf-8;bxze64,XQAAAAKKBgAAAAAAAAAeGIInmWR9D5tVbGDM+5SV6CX7BdgWt6mlhJbbi/bvMCvU4hasrdYBGh4+cyz7WmKzu+cOzwomACFLFwpAP6f2nkrbiGaa75PJWXnn6fVnYKvFNC3vGSUP0BuIv1cKy1PtnaDEXYpeT4yonnSi3T8LrfVlc3CGyw/0+i1lqY2J+3/r+Bklt955aNNOWzBIF0xdZP2GqdHKgA8abrDnL6+QDvs/APVhvgTArIDYaFffG1Okio3nYSlyQa79AptzJoUopG2Abm7v1ui4+pQVsIzQAt1DbyDq0b+lr5RLPGCSbyVsHcpMj4204HLrFIO0MWIPCGIjXzN/0m/fsOZftk0+oJ3a05BGP23qIQas6may3QoO3ChelOnwnR6DSR2HNh8p62gcwoK+Leb6/b2gOc3M2RzDBH6+joaUusB8XZNpKeZg48j1L/jpxvFMd/4JeKaHmvNUMR9cq4Nwhs6j99mT78PQB8EuedyVMC+iLcXm9D9xrIZsxj9k5RCF8+gEwAGkXpAKLM8Kkqp/56jWP+mkG053gAbXIMtugtTpNtL6JWhxAbcRiflL6U/bU/G8DJtqKkM+oyjApeg8cqPmEwcGRhFT6BzumTUCtpPX4xbX7YWiTn6d8nEnVMP45FSuwYoiv0RkiXF/BxARVxD646T+KNBG5QvRRVWUwvHlizCHTq+b/Ga1oFQXqqRpPBi/0i8GW5/KN0e7vWPKu/JVAE6o7+AOSxpDnrEEiU+BTg10ZcVb3xYbRrRVa35ddHYZtVN1WONdtWkt4iver45UsxxYx3ZIKQqoynA2K02XheQu64jIpMTVa299LDnY7TldR7e1UuLDJSRdbggDXcfHDQGz6vBGXw1Mh8MwhIOob2mkf4GBujLyb2UY9+jwKsR/ZLSs6CnxpB43dKi7MDwiGa0ff4juuLoCtKtMnmpiBEdSTTMxOQMqEaiVoTYjqRiXBe/rBXNs9f8RRFUA>