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<!DOCTYPE html>
<html>
  <head>
    <title>W3.CSS Template</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Montserrat">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"
">
    <style>
      body, h1,h2,h3,h4,h5,h6 {font-family: "Montserrat", sans-serif}
      .w3-row-padding img {margin-bottom: 12px}
      .w3-sidebar {width: 120px;background: #222;}
      #main {margin-left: 120px}
      @media only screen and (max-width: 600px) {#main {margin-left: 0}}
    </style>
  </head>
  <body class="w3-black">
    <!-- Header-->
    <header class="w3-container w3-padding-32 w3-center w3-black" id="home">
      <h1 class="w3-jumbo"><span class="w3-hide-small"></span> Jana Ammar</h1>
      <p>Portfolio</p>
    </header>

    <!-- Portfolio Section -->
    <div class="w3-padding-64 w3-content" id="photos">
      <hr style="width:975px" class="w3-opacity">

    <!-- Portfolio Web -->
    <p>01</p>
    <p>Title: Portfolio</p>
    <p>Medium: html on spaces.w3schools</p>
    <p>Process & Intention: To offer a comprehensive insight into my creative journey,
skills, knowledge, and style through a thoughtfully designed digital portfolio website.
The purpose is to provide a structured and straight-forward platform to explore my
academic projects and creative works. The intention is to demonstrate my commitment to
academic excellence, and showcase my unique talents and accomplishments; allowing those
who review it to gain a understanding of my capabilities, passion for learning, and
potential contributions to the community.</p>
    <a href="Digital-Portfolio.pdf" class="w3-button w3-light-grey w3-padding-large
w3-section">
    <i class=""></i> Digital Portfolio Code
    </a>
    <hr style="width:975px" class="w3-opacity">

    <!-- Quantum Computer Web -->
    <p>02</p>
    <p>Title: Quantum Computing</p>
    <p>Medium: Google Sites</p>
    <p>Process & Intention: My inspiration was to deliver a comprehensive and accessible
resource explaining
    fundamental aspects of Quantum Computing. Fueled by a curiosity and fascination
with Quantum Computing,
    I wanted to create a user-friendly platform and contribute to sharing knowledge in
a field that holds
    immense promise for the future. My aim was to provide a clear narrative on what
quantum computers are,
    delve into their historical development, and explore both potential risks and
benefits associated with this
    powerful technology. I envision this work as a stepping stone, sparking curiosity

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and encouraging further
    exploration of the fascinating realm of quantum technology.</p>
    <a href="https://sites.google.com/asdubai.org/quantumcomputing?usp=sharing"
class="w3-button w3-light-grey w3-padding-large w3-section">
    <i class=""></i> Quantum Computing web
    </a>
<hr style="width:975px" class="w3-opacity">

<!-- 4 Function Calculator -->
<p>03</p>
<div style="display: flex; align-items: flex-start;">
<div style="margin-right: 275px; max-width: 500px;">
    <p>Title: 4-Function Calculator</p>
    <p>Medium: JavaScript Graphics on CodeHS</p>
    <p>Process & Intention: My primary goal was to design a user-friendly and visually
appealing
    interface for performing basic calculations. I wanted users to have an intuitive
experience,
    allowing them to input numbers and operators with ease. I utilised functions to
handle different
    aspects of the calculator, such as designing the graphical interface, checking
whether a clicked
    object is a number or an operation button, updating and clearing the displayed
numbers, and performing
    the actual calculations. What I learned from writing the code is the importance of
modularity in coding.
    Breaking down the functionality into smaller, manageable code, making it more
readable, maintainable, and
    easier to debug. I envision this work as a foundation for more advanced features
and improvements. </p>
    <a href="4-FunctionCalc/4-Function_Calculator_CodeHS.pdf" class="w3-button
w3-light-grey w3-padding-large w3-section">
    <i class=""></i> Calculator Code PDF
    </a>
</div>
<div>
    <video width="300" height="300" controls>
        <source src="4-FunctionCalc/4_Function_Calc_.mp4" type="video/mp4">
    </video>
</div>
</div>
<hr style="width: 975px" class="w3-opacity">

<!-- Drawing simulator -->
<p>04<p>
<div style="display: flex; align-items: flex-start;">
    <video width="300" height="300" controls>
        <source src="Drawing/drawing.mp4" type="video/mp4">
    </video>
    <div style="margin-left: 20px;">
        <p>Title: Drawing</p>
        <p>Medium: JavaScript Graphics on CodeHS</p>
        <p>Process & Intention: In developing this simple drawing program, my inspiration
stemmed from interactive drawing features commonly found in touch-based devices,
such as tablets and smartphones. The primary objective was to create a canvas
that
        provides users with an enjoyable intuitive drawing experience. I showcased my
understanding
        of event-driven programming, specifically utilising an event handler for mouse
interaction/drag
        events. I learned how to translate user interactions during mouse dragging events
into
        graphical responses and positions in the interface.</p>

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    <a href="Drawing/Drawing_CodeHS.pdf" class="w3-button w3-light-grey
w3-padding-large w3-section">
    <i class=""></i> Drawing Code PDF
    </a>
</div>
</div>
<hr style="width:975px" class="w3-opacity">

<!-- BMI -->
<p>05</p>
<div style="display: flex; align-items: flex-start;">
  <video width="300" height="300" controls>
  <source src="BMICalc/BMICALC.mp4" type="video/mp4">
  </video>
  <div style="margin-left: 20px;">
    <p>Title: BMI Calculator </p>
    <p>Medium: JavaScript Graphics on CodeHS</p>
    <p>Process & Intention: The purpose of the BMI Calculator program is to give a
      quick and simple way to check whether weight is within a healthy range for
      height.
      Research has shown that there is a strong correlation between BMI and risk of
      developing health conditions.
      Developing the program gave me the ability to design a dynamic and responsive
      graphical interface and strengthened
      my programming skills, like iteration, error handling, code optimization, an
      understanding
      of algorithmic efficiency, handling data structures, management of user input,
      and implementation of calculations.</p>
    <a href="BMICalc/BMI_Calculator_CodeHS.PNG.pdf" class="w3-button w3-light-grey
w3-padding-large w3-section">
    <i class=""></i> BMI Code PDF
    </a>
  </div>
</div>
<hr style="width:975px" class="w3-opacity">

<!-- BeeHive -->
<p>06</p>
<p>Title: BeeHive</p>
<p>Medium: Arduino</p>
<p>Process & Intention: Creating an advanced monitoring system for the school's
beehives;
  I specifically focused on developing a humidity measuring component and
  understanding the
  functionality of a LCD screen to project these measurements. My responsibility
  extended
  to deciphering the LCD, not just for my own task but for my classmates to recreate
  and project
  their measurements efficiently, including tasks such as weight sensors. The
  ultimate goal was
  to contribute to the well-being of the bee colonies, enhancing our understanding of
  hive conditions
  and fostering sustainable hive management within the school community.</p>
  
  
<hr style="width:975px" class="w3-opacity">

<!-- Ancient Egypt -->
<p>07</p>
<div style="text-align: center;">
  
  <p>Title: Ancient Egypt Drawing</p>
  <p>Medium: Drawn on iPad Goodnotes 6</p>

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<p>Process & Intention: My inspiration for this piece is my culture and ethnicity.</p>
<p>The scarab is a symbol of birth, life, death, and resurrection. The figure stands with
    outspread wings supported by Cleopatra's arms, a prevalent symbol in Egyptian art.
The Sun
    represented life, warmth, and growth. The Eye of Ra is a source of heat and light,
associated
    with fire and flames. The core of the split sun is held by the scarab to project
onto the pyramid.
    I added stars since the Egyptians aligned the pyramids and temples toward the north
since it
    was believed the pharaohs became stars in the northern sky after passing. All
design elements
    combined are in the shape of the 'Ankh' known as "the key of life" representing
union and life itself. <p>
<p>My desired experience for anyone who views it is an appreciation for the cultural
inspiration, and
    to be awed by the beauty and symbolism embedded in the artwork. I hope the viewer
gets a glimpse into
    the world of ancient Egypt through my interpretation.<p>
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</div>
<hr style="width:975px" class="w3-opacity">
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<!-- Cactus -->
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<p>08<p>
<div style="display: flex; align-items: flex-start;">
<video width="300" height="300" controls>
    <source src="Cactus.mp4" type="video/mp4">
</video>
<div style="margin-left: 20px;">
    <p>Title: Cactus NFT<p>
    <p> Medium: Photoshop<p>
    <p> Process & Intention: In creating this project, I chose a pixelated style for
the cactus images,
        giving it a unique digital aesthetic. The video features the cactus against
different backgrounds -
            clear day, serene sunset, starry night, etc... The intention is to blend
elements of nature and digital art.
            The project, was inspired by the uprise of NFTs, it explores the concept of
uniqueness in each iteration,
            creating a dynamic and visually engaging experience.<p>
</div>
</div>
<hr style="width:975px" class="w3-opacity">
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<!-- Hubba Bubba x Fight Club-->
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<p>09<p>
<div style="display: flex; align-items: flex-start;">
    
<div style="margin-left: 20px;">
    <p>Title: Hubba Bubba x Fight Club<p>
    <p> Medium: Drawn on iPad Procreate<p>
    <p> Process & Intention: This project serves as a bridge between traditional and
digital
        art for me. By taking an old drawing and incorporating it into Procreate, I
learned the
        transformative powers of digital tools in artistic expression. This piece
extended a traditional
        artwork and brought new life into it. The process of completely changing the
image to create
        a more creative and colourful piece allowed me to experiment with digital
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techniques,
    layering, and blending to achieve a unique visual outcome. In this piece, I
pushed the boundaries by
    combining two completely random things (Hubba Bubba x Fight Club); I see this
leading me towards further
    experimentation with unconventional creativity. In crafting this piece, my
intention was to challenge a
    thought-provoking response from the viewer.<p>
</div>
</div>
    <hr style="width:975px" class="w3-opacity">

<!-- Shirt -->
<p>10<p>
    <div style="text-align: center;">
        
        <p>Title: Spirit, Mind, Body<p>
        <p> Medium: Canva, Procreate<p>
        <p> Process & Intention: For a business project we were tasked to create and sell a
product in school for 'Falcons souk'. I created a gym shirt ("pump-cover") that promotes
spirituality; with the angel number 222 - associated with balance; the Arabic phrase
"Everything happens for a reason" to connect culturally to the UAE; and an "F" on the
shoulder for Falcon[s] (school mascot) to foster a sense of community. Designed for
workouts, it serves a dual purpose of protection and motivation. All profits made
through the selling of shirts were contributed to charity, adding a meaningful aspect to
the project. <p>
        <p> -This was a collaborative project with 2 other classmates but I was the sole
creator of all designs and logos- <p>
    </div>

<!-- Contact Section -->
<div class="w3-padding-64 w3-content w3-text-grey" id="contact">
    <hr style="width:975px" class="w3-opacity">
    <div class="w3-section">
        <p><i class="fa fa-envelope fa-fw w3-text-white w3-xxlarge w3-margin-right"> </i>
Email: jammam.3221@gmail.com</p>
        <p><i class="fa fa-envelope fa-fw w3-text-white w3-xxlarge w3-margin-right"> </i>
Email: jammam.24@asdubai.org</p>
    </div><br>
</div>

<!-- END -->
</div>
</body>
</html>

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