Programa 10

**Index.html**

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Testimonios Carrusel Responsivo</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <section class="testimonials-section">
    <h2>Lo que dicen nuestros clientes</h2>
    <div class="carousel-container">
      <div class="carousel-track-container">
        <ul class="carousel-track">
          <li class="carousel-slide">
            <div class="testimonial-card">
              <p>"¡Increíble servicio! Mi sitio web se ve fantástico en todos los dispositivos. Súper recomendado."</p>
              <div class="client-info">
                <img src="https://via.placeholder.com/80/007bff/FFFFFF?text=JS" alt="Foto de Juan Pérez" class="client-avatar">
                <h4>Juan Pérez</h4>
                <span>CEO, Empresa X</span>
              </div>
            </div>
          </li>
          <li class="carousel-slide">
            <div class="testimonial-card">
              <p>"La atención al detalle y la capacidad de respuesta fueron excepcionales. Quedé muy satisfecho con el resultado."</p>
              <div class="client-info">
                <img src="https://via.placeholder.com/80/28a745/FFFFFF?text=MA" alt="Foto de María Arias" class="client-avatar">
                <h4>María Arias</h4>
                <span>Diseñadora Freelance</span>
              </div>
            </div>
          </li>
          <li class="carousel-slide">
            <div class="testimonial-card">
              <p>"Mi negocio ha crecido gracias a la presencia online que me ayudaron a construir. ¡Un equipo de profesionales!"</p>
              <div class="client-info">
```

```html
                <img src="https://via.placeholder.com/80/ffc107/000000?text=LC" alt="Foto de
Luis Castro" class="client-avatar">
                    <h4>Luis Castro</h4>
                    <span>Propietario de Negocio</span>
                  </div>
                </div>
              </li>
              <li class="carousel-slide">
                <div class="testimonial-card">
                    <p>"No puedo creer lo fácil que fue trabajar con ellos. Entendieron mi visión
perfectamente y la hicieron realidad."</p>
                    <div class="client-info">
                        <img src="https://via.placeholder.com/80/6f42c1/FFFFFF?text=AG" alt="Foto de
Ana Gómez" class="client-avatar">
                    <h4>Ana Gómez</h4>
                    <span>Emprendedora</span>
                  </div>
                </div>
              </li>
            </ul>
          </div>
          <button class="carousel-button prev" aria-label="Anterior">&#10094;</button>
          <button class="carousel-button next" aria-label="Siguiente">&#10095;</button>
        </div>
        <div class="carousel-nav-dots">
          <button class="dot active" data-slide-to="0" aria-label="Ir a la diapositiva 1"></button>
          <button class="dot" data-slide-to="1" aria-label="Ir a la diapositiva 2"></button>
          <button class="dot" data-slide-to="2" aria-label="Ir a la diapositiva 3"></button>
          <button class="dot" data-slide-to="3" aria-label="Ir a la diapositiva 4"></button>
        </div>
      </section>

  <script src="script.js"></script>
</body>
</html>
```

**Style.css**

```css
body {
   font-family: 'Poppins', sans-serif;
   margin: 0;
   line-height: 1.7;
   background-color: #eef2f6;
   color: #333;
   display: flex;
   justify-content: center;
   align-items: center;
   min-height: 100vh;
```

```css
    padding: 2rem 0;
    box-sizing: border-box;
}

.testimonials-section {
    width: 100%;
    max-width: 1000px;
    text-align: center;
    padding: 2rem;
    box-sizing: border-box;
}

.testimonials-section h2 {
    font-size: 2.8rem;
    color: #2c3e50;
    margin-bottom: 2.5rem;
}

.carousel-container {
    position: relative;
    overflow: hidden;
    margin: 0 auto 1.5rem auto;
    background-color: #fff;
    border-radius: 12px;
    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.08);
}

.carousel-track-container {
    overflow: hidden; /* Oculta los slides que no están activos */
}

.carousel-track {
    display: flex;
    list-style: none;
    margin: 0;
    padding: 0;
    transition: transform 0.5s ease-in-out;
}

.carousel-slide {
    flex-shrink: 0; /* Evita que los slides se encojan */
    width: 100%; /* Cada slide ocupa el 100% del contenedor visible */
    padding: 2rem;
    box-sizing: border-box;
}

.testimonial-card {
    display: flex;
```

```css
    flex-direction: column;
    justify-content: center;
    align-items: center;
}

.testimonial-card p {
    font-size: 1.25rem;
    font-style: italic;
    margin-bottom: 1.5rem;
    color: #555;
    max-width: 700px;
    line-height: 1.8;
}

.client-info {
    display: flex;
    flex-direction: column;
    align-items: center;
    margin-top: 1rem;
}

.client-avatar {
    width: 80px;
    height: 80px;
    border-radius: 50%;
    object-fit: cover;
    margin-bottom: 0.8rem;
    border: 3px solid #007bff;
    box-shadow: 0 4px 10px rgba(0, 123, 255, 0.2);
}

.client-info h4 {
    margin: 0;
    font-size: 1.2rem;
    color: #2c3e50;
}

.client-info span {
    font-size: 0.95rem;
    color: #777;
}

.carousel-button {
    position: absolute;
    top: 50%;
    transform: translateY(-50%);
    background-color: rgba(0, 0, 0, 0.5);
    color: #fff;
```

```css
  border: none;
  padding: 1rem 1.2rem;
  font-size: 1.5rem;
  cursor: pointer;
  border-radius: 50%;
  transition: background-color 0.3s ease;
  z-index: 10;
}

.carousel-button:hover {
  background-color: rgba(0, 0, 0, 0.7);
}

.carousel-button.prev {
  left: 10px;
}

.carousel-button.next {
  right: 10px;
}

.carousel-nav-dots {
  margin-top: 1.5rem;
  display: flex;
  justify-content: center;
  gap: 0.8rem;
}

.dot {
  width: 12px;
  height: 12px;
  border-radius: 50%;
  background-color: #bbb;
  border: none;
  cursor: pointer;
  transition: background-color 0.3s ease, transform 0.2s ease;
}

.dot.active {
  background-color: #007bff;
  transform: scale(1.2);
}

.dot:hover {
  background-color: #888;
}

/* Media Queries */
```

```css
@media (max-width: 768px) {
  .testimonials-section {
    padding: 1.5rem;
  }
  .testimonials-section h2 {
    font-size: 2.2rem;
    margin-bottom: 2rem;
  }
  .carousel-slide {
    padding: 1.5rem;
  }
  .testimonial-card p {
    font-size: 1.1rem;
  }
  .client-avatar {
    width: 70px;
    height: 70px;
  }
  .client-info h4 {
    font-size: 1.1rem;
  }
  .client-info span {
    font-size: 0.9rem;
  }
  .carousel-button {
    padding: 0.8rem 1rem;
    font-size: 1.2rem;
  }
}

@media (max-width: 480px) {
  .testimonials-section {
    padding: 1rem;
  }
  .testimonials-section h2 {
    font-size: 1.8rem;
    margin-bottom: 1.5rem;
  }
  .carousel-slide {
    padding: 1rem;
  }
  .testimonial-card p {
    font-size: 1rem;
    margin-bottom: 1rem;
  }
  .client-avatar {
    width: 60px;
    height: 60px;
```

```
    }
    .client-info h4 {
        font-size: 1rem;
    }
    .client-info span {
        font-size: 0.85rem;
    }
    .carousel-button {
        display: none; /* Ocultar botones en pantallas muy pequeñas, usar solo dots */
    }
}
```

## Script.js

```
document.addEventListener('DOMContentLoaded', () => {
    const carouselTrack = document.querySelector('.carousel-track');
    const slides = Array.from(carouselTrack.children);
    const nextButton = document.querySelector('.carousel-button.next');
    const prevButton = document.querySelector('.carousel-button.prev');
    const navDots = document.querySelector('.carousel-nav-dots');
    const dots = Array.from(navDots.children);

    const slideWidth = slides[0].getBoundingClientRect().width; // Ancho de un slide

    // Organizar los slides uno al lado del otro
    const setSlidePosition = (slide, index) => {
        slide.style.left = slideWidth * index + 'px';
    };
    slides.forEach(setSlidePosition);

    const moveToSlide = (track, currentSlide, targetSlide) => {
        track.style.transform = 'translateX(-' + targetSlide.style.left + ')';
        currentSlide.classList.remove('current-slide');
        targetSlide.classList.add('current-slide');
    };

    const updateDots = (currentDot, targetDot) => {
        currentDot.classList.remove('active');
        targetDot.classList.add('active');
    };

    const hideShowArrows = (slides, prevButton, nextButton, targetIndex) => {
        if (targetIndex === 0) {
            prevButton.classList.add('is-hidden');
            nextButton.classList.remove('is-hidden');
        } else if (targetIndex === slides.length - 1) {
            prevButton.classList.remove('is-hidden');
```

```
      nextButton.classList.add('is-hidden');
    } else {
      prevButton.classList.remove('is-hidden');
      nextButton.classList.remove('is-hidden');
    }
};

// Inicializar el primer slide como activo
slides[0].classList.add('current-slide');
hideShowArrows(slides, prevButton, nextButton, 0);

// Cuando hago click en prev button
prevButton.addEventListener('click', () => {
    const currentSlide = carouselTrack.querySelector('.current-slide');
    const prevSlide = currentSlide.previousElementSibling;
    if (!prevSlide) return; // Si no hay slide anterior, no hagas nada

    const currentDot = navDots.querySelector('.active');
    const prevDot = currentDot.previousElementSibling;

    moveToSlide(carouselTrack, currentSlide, prevSlide);
    updateDots(currentDot, prevDot);
    const prevIndex = slides.findIndex(slide => slide === prevSlide);
    hideShowArrows(slides, prevButton, nextButton, prevIndex);
});

// Cuando hago click en next button
nextButton.addEventListener('click', () => {
    const currentSlide = carouselTrack.querySelector('.current-slide');
    const nextSlide = currentSlide.nextElementSibling;
    if (!nextSlide) return; // Si no hay slide siguiente, no hagas nada

    const currentDot = navDots.querySelector('.active');
    const nextDot = currentDot.nextElementSibling;

    moveToSlide(carouselTrack, currentSlide, nextSlide);
    updateDots(currentDot, nextDot);
    const nextIndex = slides.findIndex(slide => slide === nextSlide);
    hideShowArrows(slides, prevButton, nextButton, nextIndex);
});

// Cuando hago click en los dots de navegación
navDots.addEventListener('click', (e) => {
    const targetDot = e.target.closest('.dot');
    if (!targetDot) return; // Si no hice click en un dot, sal

    const currentSlide = carouselTrack.querySelector('.current-slide');
    const currentDot = navDots.querySelector('.active');
```

```javascript
    const targetIndex = dots.findIndex(dot => dot === targetDot);
    const targetSlide = slides[targetIndex];

    moveToSlide(carouselTrack, currentSlide, targetSlide);
    updateDots(currentDot, targetDot);
    hideShowArrows(slides, prevButton, nextButton, targetIndex);
  });

  // Adaptar el carrusel al redimensionar la ventana (reiniciar posiciones)
  window.addEventListener('resize', () => {
    const newSlideWidth = slides[0].getBoundingClientRect().width;
    slides.forEach((slide, index) => {
      slide.style.left = newSlideWidth * index + 'px';
    });
    // Asegurarse de que el slide actual esté visible después del redimensionamiento
    const currentSlide = carouselTrack.querySelector('.current-slide');
    if (currentSlide) {
      carouselTrack.style.transform = 'translateX(-' + currentSlide.style.left + ')';
    }
  });
});
```