

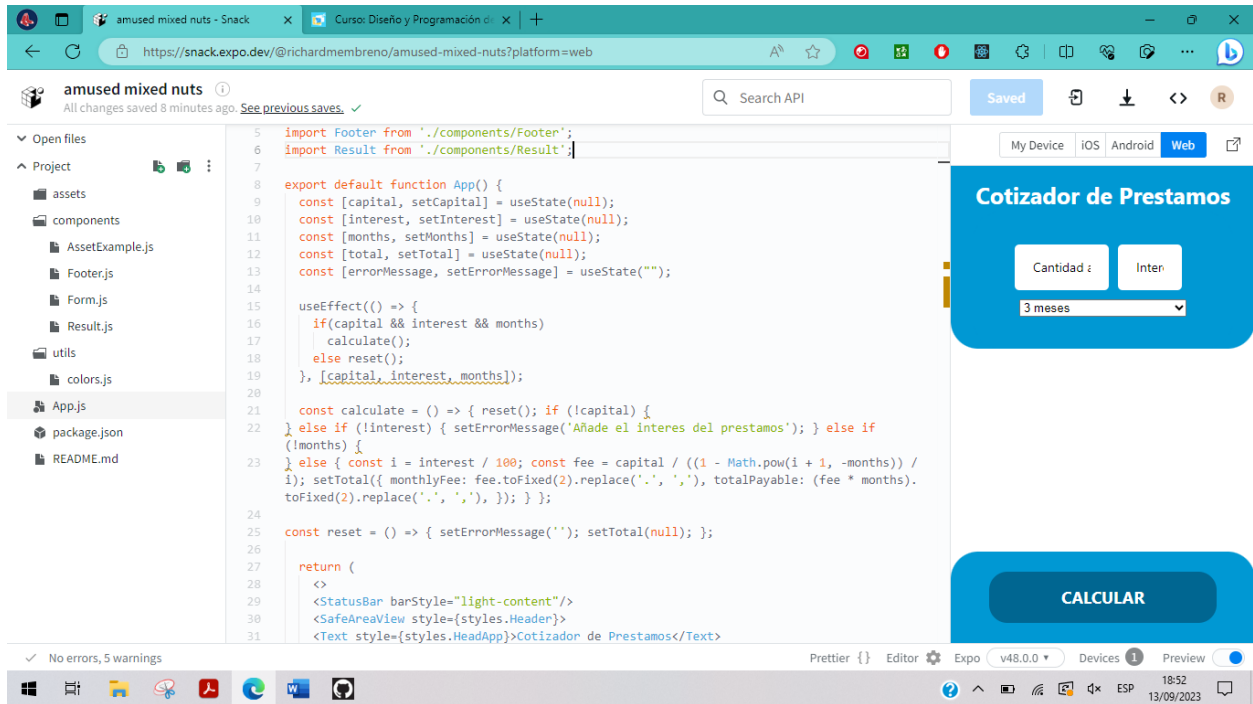
Ricardo Enrique Membreño Rivera

Diseño y Programación de Software Multiplataforma

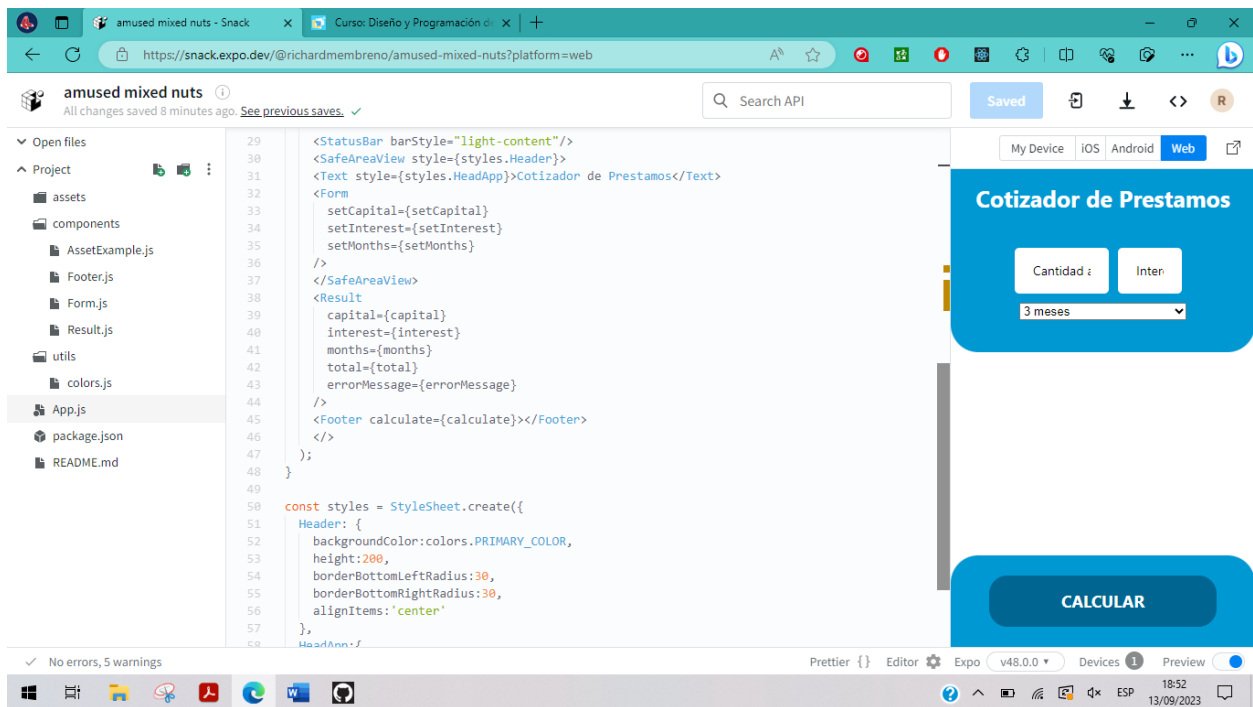
Guía 5

<https://github.com/richardMembreno/Guia5DPS.git>

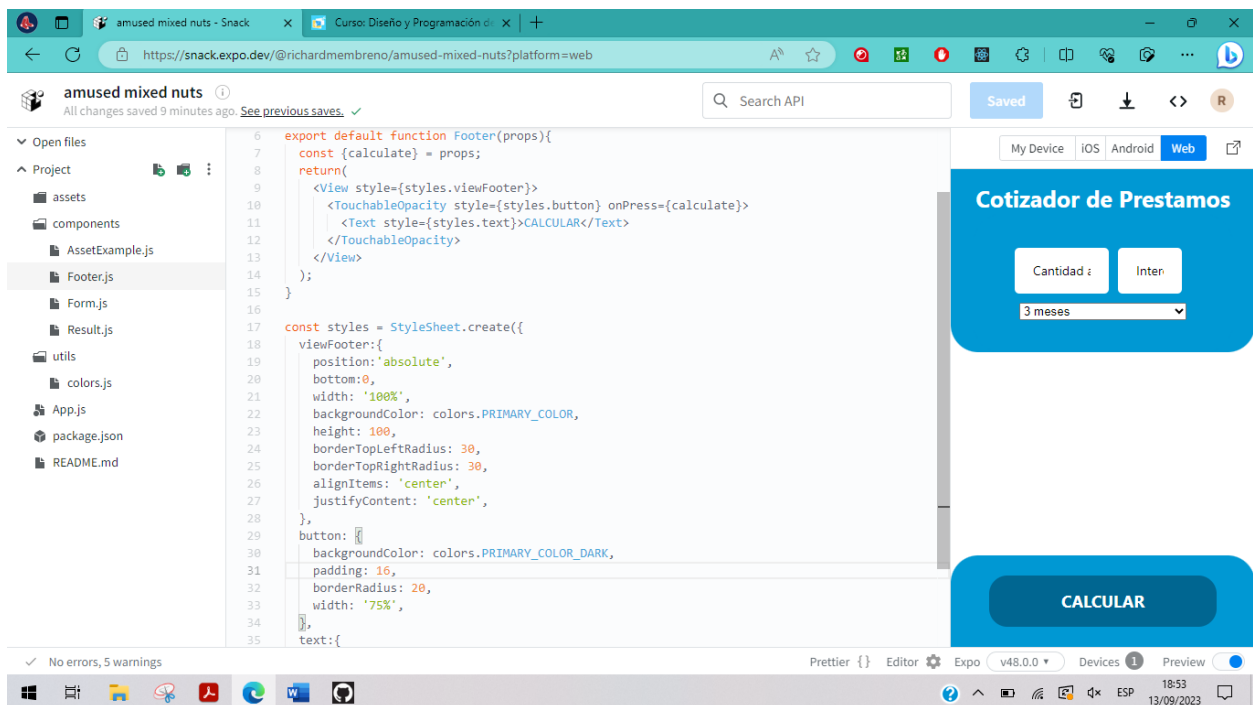
Archivo App.js



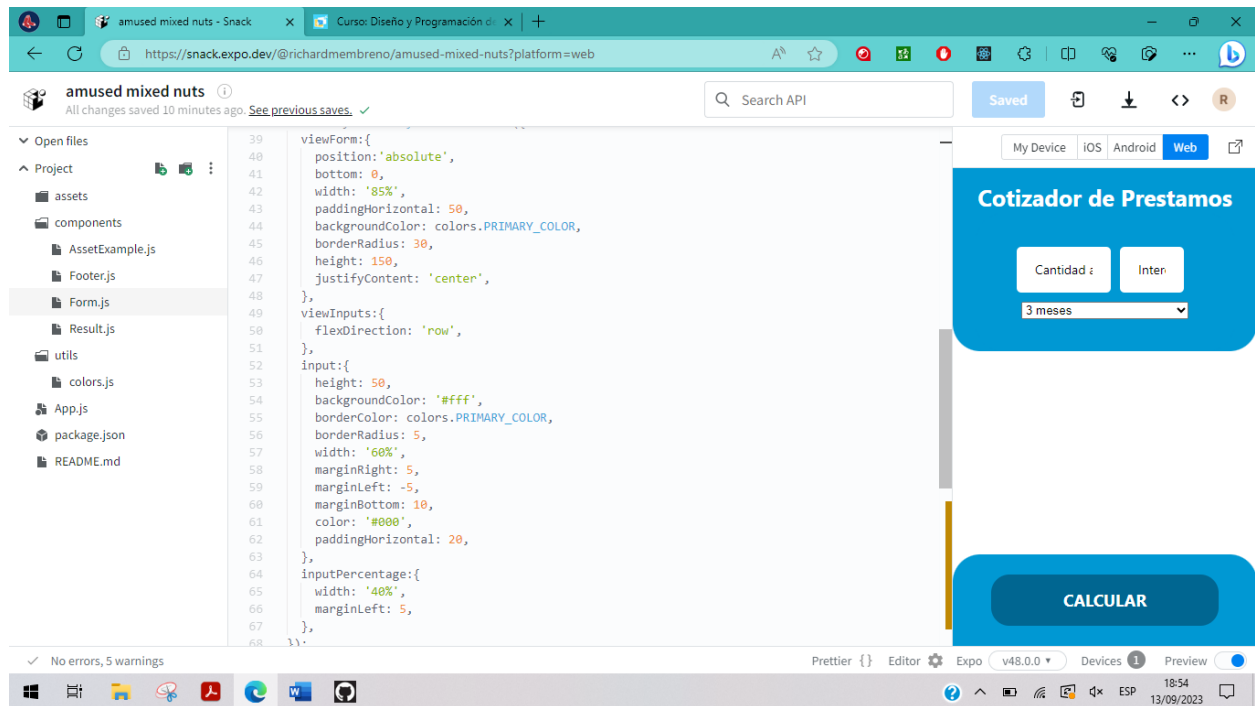
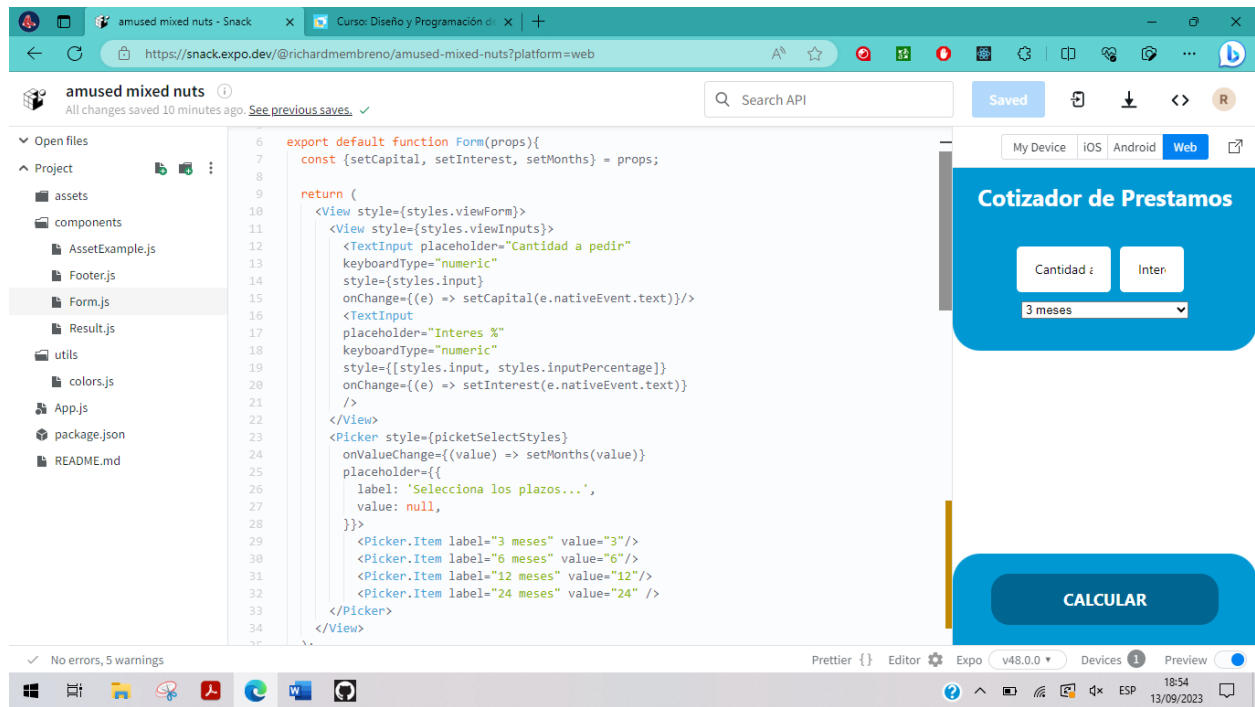
```
5 import Footer from './components/Footer';
6 import Result from './components/Result';
7
8 export default function App() {
9   const [capital, setCapital] = useState(null);
10  const [interest, setInterest] = useState(null);
11  const [months, setMonths] = useState(null);
12  const [total, setTotal] = useState(null);
13  const [errorMessage, setErrorMessage] = useState("");
14
15  useEffect(() => {
16    if(capital && interest && months)
17      calculate();
18    else reset();
19  }, [capital, interest, months]);
20
21  const calculate = () => { reset(); if (!capital) {
22  } else if (!interest) { setErrorMessage('Añade el interes del prestamos'); } else if (!months) {
23  } else { const i = interest / 100; const fee = capital / ((1 - Math.pow(i + 1, -months)) / i); setTotal({ monthlyFee: fee.toFixed(2).replace('.', ','), totalPayable: (fee * months).toFixed(2).replace('.', ','), }); } };
24
25  const reset = () => { setErrorMessage(''); setTotal(null); };
26
27  return (
28    <>
29    <StatusBar barStyle="light-content"/>
30    <SafeAreaView style={styles.Header}>
31    <Text style={styles.HeaderApp}>Cotizador de Prestamos</Text>
```

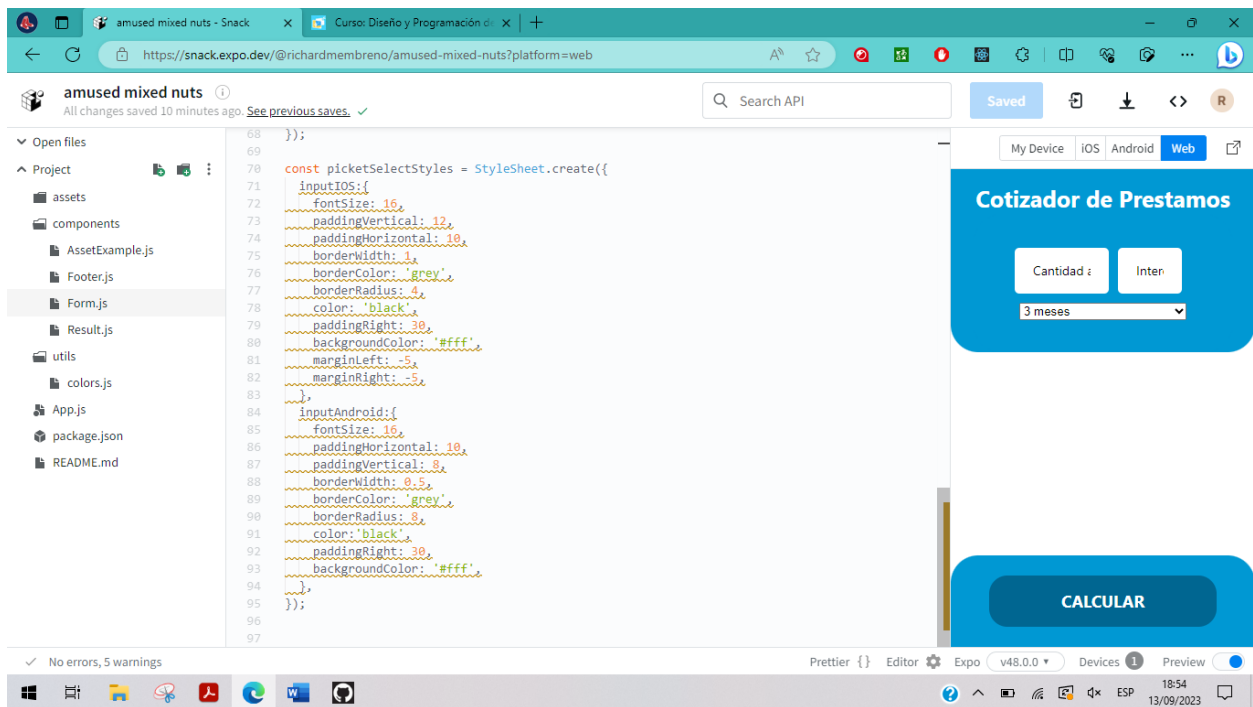


Archivo Footer.js

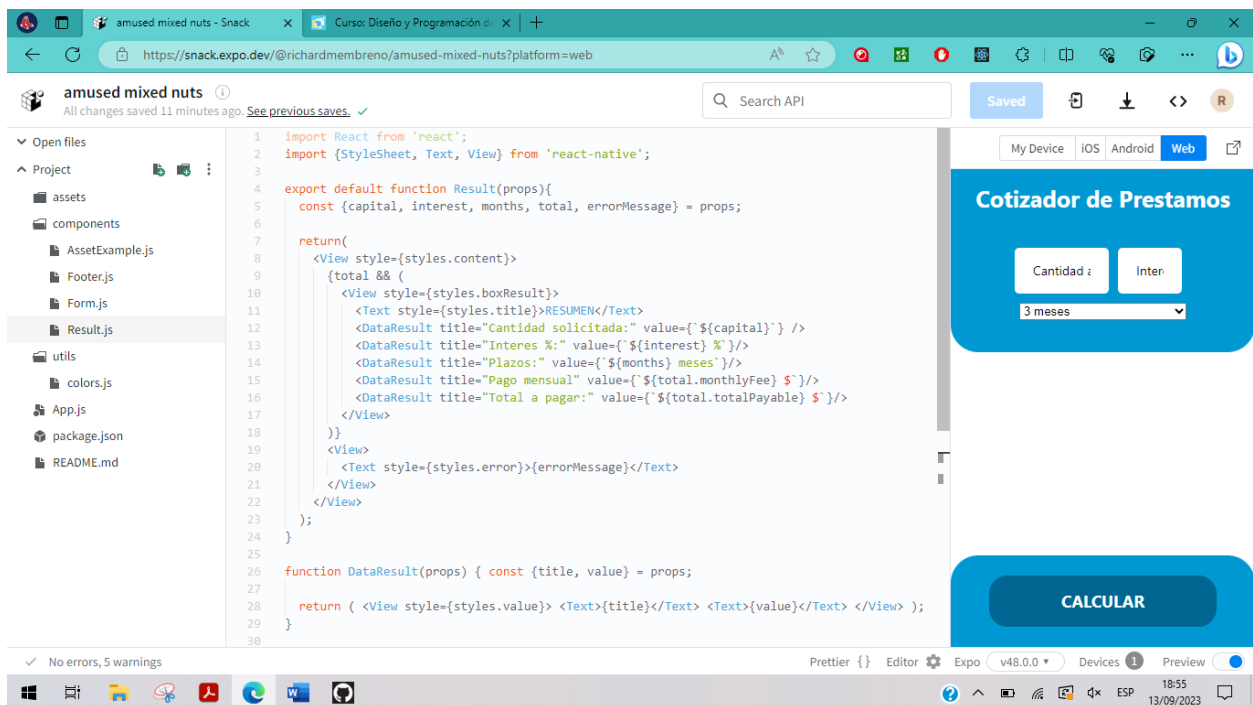


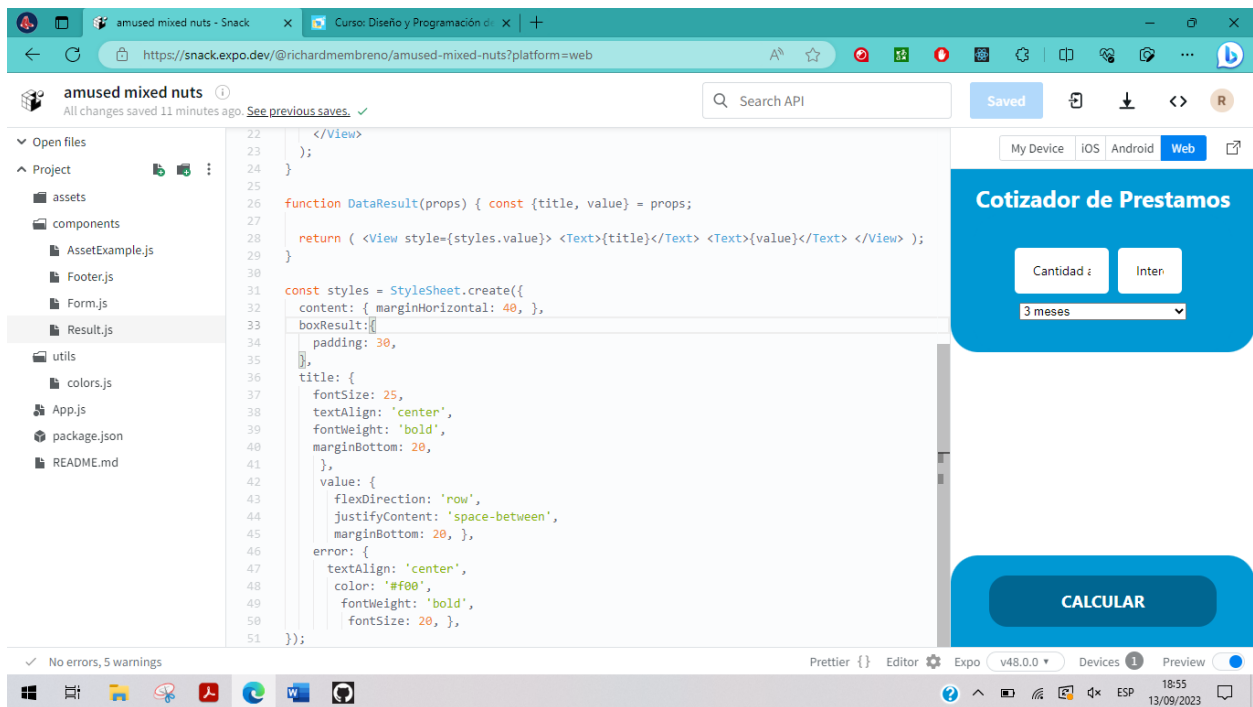
Archivo Form.js





Archivo Result.js





Funcionamiento

