

**UNIVERSIDAD DON BOSCO**  
**ESCUELA DE COMPUTACION**  
**DISEÑO Y PROGRAMACION DE SOFTWARE MULTIPLATAFORMA**



**TITULO:**

Guía #05 - Discusión

**DOCENTE:**

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**Antiguo Cuscatlán, 13 de septiembre de 2023**

<https://github.com/isaac-rom/GuiaLabDPS/tree/master/guia05/Discusion/employee-salary>

## DESARROLLO

### 1. Resultado Obtenido:

#### Ingrese los Datos:

Salario Base:  
ISSS:  
AFP:  
Renta:  
Deducciones:  
Salario Neto:

#### Ingrese los Datos:

#### Josias

Salario Base: 890.58  
ISSS: 26.72  
AFP: 35.62  
Renta: 44.53  
Deducciones: 106.87  
Salario Neto: 783.71

localhost:19006 dice

Rebice sus datos de Entrada Por Favor !!!

localhost:19006 dice

Rebice sus datos de Entrada Por Favor !!!

## 2. CardEmployee component

```
import { Card, Text } from "@rneui/themed";
export const CardEmployee = ({employee}) => {

  return(
    <Card>
      <Card.Title>{employee.name}</Card.Title>
      <Card.Divider />
      <Text style={{ marginBottom: 5 }}>
        Salario Base: {employee.baseSalary}
      </Text>
      <Text style={{ marginBottom: 5 }}>
        ISSS: {employee.iss}
      </Text>
      <Text style={{ marginBottom: 5 }}>
        AFP: {employee.afp}
      </Text>
      <Text style={{ marginBottom: 5 }}>
        Renta: {employee.rent}
      </Text>
      <Text style={{ marginBottom: 5 }}>
        Deducciones: {employee.totalDeduction}
      </Text>
      <Text style={{ marginBottom: 5 }}>
        Salario Neto: {employee.netSalary}
      </Text>
    </Card>
  );
}
```

## 3. Form Component

```
import { View, Text, TextInput, Pressable, StyleSheet } from "react-native";
import { CardEmployee } from "../Card";
import { useState } from "react";
export const Form = () => {

  const [employee, setEmployee] = useState({});
  const [name, setName] = useState('');
  const [salary, setSalary] = useState('');

  const handleEmployee = () => {
    if(name.trim().length == 0 || salary.trim().length == 0 || isNaN(salary) == true)
      alert('Rebice sus datos de Entrada Por Favor !!!');
    else{
      const iss = salary * 0.03;
      const afp = salary * 0.04;
      const rent = salary * 0.05;
      const totalDeduction = iss + afp + rent;
      const netSalary = salary - totalDeduction;

      const NewEmployee = {
        name: name,
        baseSalary: salary,
        iss: iss.toFixed(2),
        afp: afp.toFixed(2),
        rent: rent.toFixed(2),
        totalDeduction : totalDeduction.toFixed(2),
        netSalary: netSalary.toFixed(2)
      }
      setEmployee(NewEmployee);
      setName('');
      setSalary(0);
    }
  }
}
```

```

return (
  <View style={{flex:1,justifyContent:'center',alignItems:'center'}}>
    <View>
      <Text style={{marginBottom:10,fontWeight:'bold'}}>Ingrese los Datos:</Text>

      <TextInput
        style={styles.input}
        value={name}
        placeholderTextColor="#000"
        placeholder="Nombre de Empleado"
        onChangeText={(text) => setName(text)}
      />

      <TextInput
        style={styles.input}
        value={salary}
        placeholderTextColor="#000"
        placeholder="Salario Base"
        keyboardType='numeric'
        maxLength={10}
        onChangeText={(text) => setSalary(text)}
      />

      <Pressable style={styles.button}
        onPress={() => handleEmployee()}
      >
        <View >
          <Text>Calcular</Text>
        </View>
      </Pressable>
    </View>
  </View>

```

```

        <CardEmployee
          employee={employee}
        />
      </View>
    );
  }

const styles = StyleSheet.create({
  input: {
    borderColor: "gray",
    width: "100%",
    borderWidth: 1,
    borderRadius: 10,
    padding: 10,
    marginBottom: 10,
  },
  button: {
    borderColor: "gray",
    backgroundColor: 'gray',
    borderWidth: 1,
    borderRadius: 10,
    padding: 10,
    marginBottom: 10,
    textAlign: "center",
    color: 'white'
  },
});

```

```

import { StatusBar } from 'expo-status-bar';
import { StyleSheet, Text, View } from 'react-native';
import { Form } from './src/components/Form';

export default function App() {
  return (
    <Form/>
  );
}

```