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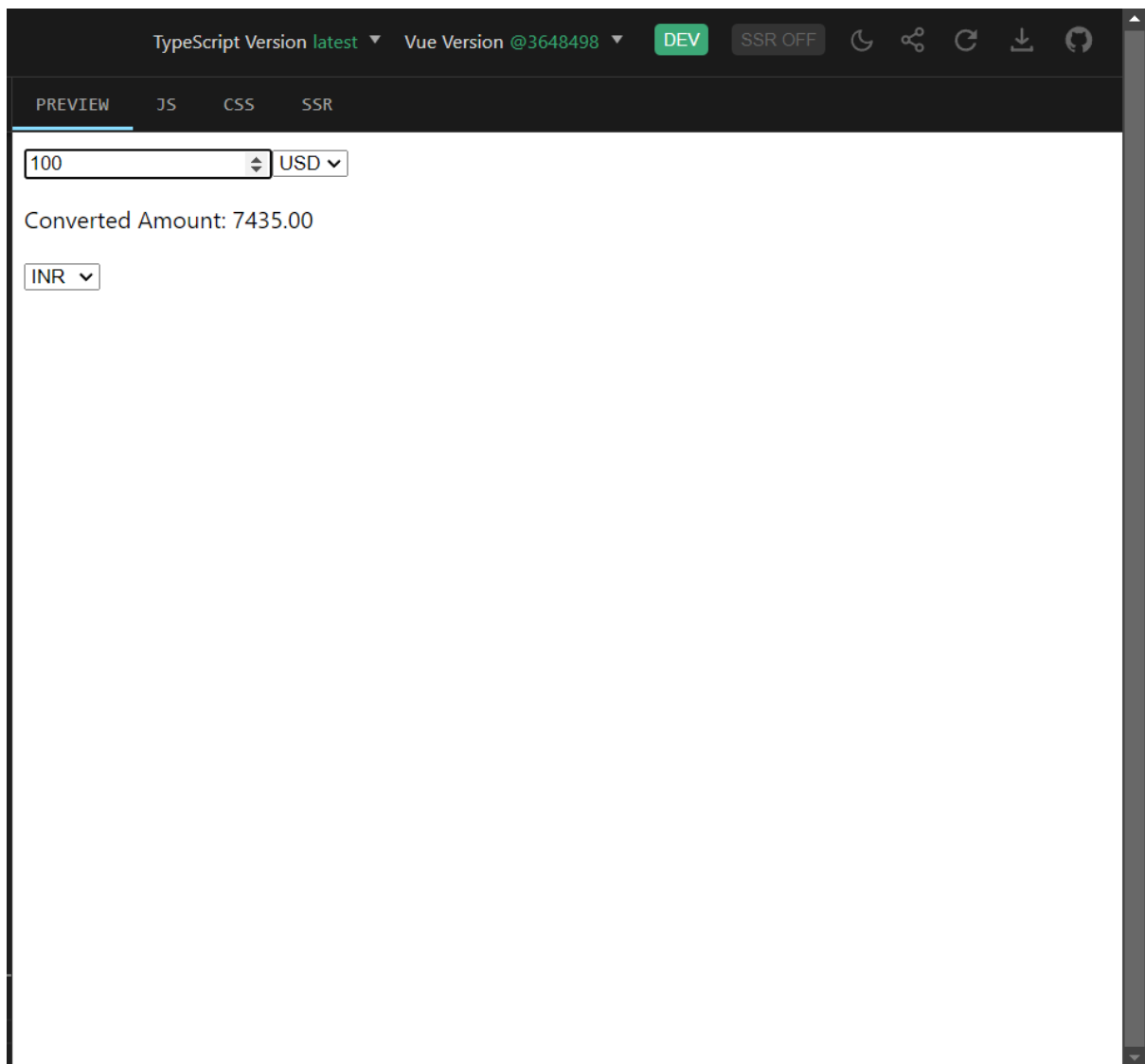
Roll no – 22cs3033

T1

```
<template>
  <div>
    <input type="number" v-model="amount" @input="convertCurrency">
    <select v-model="fromCurrency" @change="convertCurrency">
      <option v-for="(currency, index) in currencies" :key="index"
:value="currency">{{ currency }}</option>
    </select>
    <p>Converted Amount: {{ convertedAmount }}</p>
    <select v-model="toCurrency" @change="convertCurrency">
      <option v-for="(currency, index) in currencies" :key="index"
:value="currency">{{ currency }}</option>
    </select>
  </div>
</template>

<script>
export default {
  data() {
    return {
      amount: 0,
      fromCurrency: 'USD',
      toCurrency: 'EUR',
      exchangeRate: {
        USD: {
          EUR: 0.85,
          GBP: 0.75,
          INR: 74.35
        },
        EUR: {
          USD: 1.18,
          GBP: 0.88,
          INR: 88.60
        },
        GBP: {
          USD: 1.33,
          EUR: 1.14,
          INR: 103.45
        },
        INR: {
          USD: 0.013,
          EUR: 0.011,
          GBP: 0.010
        }
      }
    }
  }
}
```

```
    }  
  };  
},  
computed: {  
  convertedAmount() {  
    const rate = this.exchangeRate[this.fromCurrency][this.toCurrency];  
    return (this.amount * rate).toFixed(2);  
  },  
  currencies() {  
    return Object.keys(this.exchangeRate);  
  }  
},  
methods: {  
  convertCurrency() {  
  
  }  
}  
};  
</script>
```



T2

```
<template>
  <div>
    <p>{{ formattedTime }}</p>
    <button @click="startStopwatch" v-if="!running">Start</button>
    <button @click="stopStopwatch" v-else>Pause</button>
    <button @click="resetStopwatch">Reset</button>
  </div>
</template>

<script>
export default {
  data() {
    return {
      running: false,
      time: 0
    }
  }
}
```

```

    };
  },
  computed: {
    formattedTime() {
      const minutes = Math.floor(this.time / 60);
      const seconds = this.time % 60;
      return `${minutes}:${seconds < 10 ? '0' : ''}${seconds}`;
    }
  },
  methods: {
    startStopwatch() {
      this.running = true;
      this.timer = setInterval(() => {
        this.time++;
      }, 1000);
    },
    stopStopwatch() {
      this.running = false;
      clearInterval(this.timer);
    },
    resetStopwatch() {
      this.time = 0;
      this.running = false;
      clearInterval(this.timer);
    }
  }
};
</script>

```

0:22

Pause Reset

T3

```

<template>
  <div>
    <div v-if="selectedConversation">
      <h2>{{ selectedConversation.name }}</h2>
      <ul>
        <li v-for="(message, index) in selectedConversation.messages"
:key="index">
          {{ message }}
        </li>
      </ul>
      <input type="text" v-model="newMessage">
      <button @click="sendMessage">Send</button>
    </div>
    <div v-else>
      <h2>Conversations</h2>
      <ul>
        <li v-for="(conversation, index) in conversations" :key="index"
@click="selectConversation(conversation)">
          {{ conversation.name }}
        </li>
      </ul>
    </div>
  </div>
</template>

<script>
export default {
  data() {
    return {
      conversations: [
        { id: 1, name: 'Conversation 1', messages: [] },
        { id: 2, name: 'Conversation 2', messages: [] },
        { id: 3, name: 'Conversation 3', messages: [] }
      ],
      selectedConversation: null,
      newMessage: ''
    };
  },
  methods: {
    selectConversation(conversation) {
      this.selectedConversation = conversation;
    },
    sendMessage() {
      if (this.selectedConversation && this.newMessage.trim() !== '') {
        this.selectedConversation.messages.push(this.newMessage.trim());
        this.newMessage = '';
        // Save to local storage for persistence
        localStorage.setItem('conversations', JSON.stringify(this.conversations));
      }
    }
  }
},

```

```
mounted() {  
  // Retrieve conversations from local storage on component mount  
  const storedConversations = localStorage.getItem('conversations');  
  if (storedConversations) {  
    this.conversations = JSON.parse(storedConversations);  
  }  
}  
};  
</script>
```

TypeScript Version latest ▾ Vue Version @3648498 ▾ DEV SSR OFF

PREVIEW JS CSS SSR

Conversation 1

- 56
- 67