

## Exercise (Instructions): Animations

### Objectives and Outcomes

In this exercise you will learn to add animations to your app using the Animated API supported in React Native. At the end of this exercise you will be able to:

- Add animations using the Animated API to your app

### Animations

- Open HomeComponent.js and update it as follows:

```

1  . . .
2
3  import { Text, View, Animated, Easing } from 'react-native';
4
5  . . .
6
7
8  constructor(props) {
9    super(props);
10   this.animatedValue = new Animated.Value(0);
11 }
12
13 . . .
14
15 componentDidMount () {
16   this.animate()
17 }
18
19 render() {
20   const xpos1 = this.animatedValue.interpolate({
21     inputRange: [0, 1, 3, 5, 8],
22     outputRange: [1200, 600, 0, -600, -1200]
23   })
24   const xpos2 = this.animatedValue.interpolate({
25     inputRange: [0, 2, 4, 6, 8],
26     outputRange: [1200, 600, 0, -600, -1200]
27   })
28   const xpos3 = this.animatedValue.interpolate({
29     inputRange: [0, 3, 5, 7, 8],
30     outputRange: [1200, 600, 0, -600, -1200 ]
31   })
32
33   return(
34     <View style={{flex: 1, flexDirection: 'row', justifyContent:
35       'center'}}>
36       <Animated.View style={{width: '100%', transform: [{translateX:
37         xpos2}]}>
38         <RenderItem item={this.props.promotions.promotions.filter((promo
39           ) => promo.featured)[0]}
40           isLoading={this.props.promotions.isLoading}
41           erreMess={this.props.promotions.erreMess}
42         />
43       </Animated.View>
44       <Animated.View style={{width: '100%', transform: [{translateX:
45         xpos3}]}>
46         <RenderItem item={this.props.leaders.leaders.filter((leader) =>
47           leader.featured)[0]}
48           isLoading={this.props.leaders.isLoading}
49           erreMess={this.props.leaders.erreMess}
50         />
51       </Animated.View>
52     </View>
53   );
54 }
55
56 . . .

```

- Save all the changes and do a Git commit with the message "Animations".

### Conclusions

In this exercise you learnt to add animations using the Animated API.