**1.Import thư viện --- break line {"\n"}**

**- Navigation, Tab: Tab navigation, Drawer Navigator**

**2. Data**

**const DATA = [{**

**id: 1,**

**name: 'Pinarelo',**

**price: 1800,**

**description: 'It is a very important form of writing as we write’,**

**image: require('./assets/1.png')**

**},]**

**3. Item: render cho mỗi item**

**function Item({ name, price, image, onPress }) {**

**return (**

**<View style={{**

**display: 'flex',**

**flexDirection: 'column',**

**backgroundColor: '#F7BA8326',**

**borderRadius: '15px',**

**height: '200px',**

**width: '160px',**

**padding: '20px'**

**}}>**

**<Pressable onPress={onPress}>**

**<Image style={styles.imageProduct} source={image} />**

**<Text>{name}</Text>**

**<Text>{' $ ' + price}</Text>**

**</Pressable>**

**</View>)}**

**4. List product(Navigation): render tất cả item**

**function ListProduct({ navigation }) {**

**return (**

**<View style={{**

**display: 'flex',**

**justifyContent: 'center',**

**alignItems: 'center',**

**}}>**

**<View style={{**

**display: 'flex',**

**flexDirection: 'row',**

**gap: '40px',**

**justifyContent: 'center',**

**alignItems: 'center'**

**}}>**

**<Pressable style={styles.btn}>**

**<Text style={styles.textBtn}>All</Text>**

**</Pressable>**

**<Pressable style={styles.btn}>**

**<Text style={styles.textBtn}>Road bike</Text>**

**</Pressable>**

**<Pressable style={styles.btn}>**

**<Text style={styles.textBtn}>Mountain</Text>**

**</Pressable>**

**</View>**

**<FlatList style={{**

**marginTop: '20px'**

**}} data={DATA}**

**numColumns={2}**

**renderItem={({ item }) => {**

**// tach view ra thanh nhieu phan**

**return (**

**<View style={{ margin: '5px' }}> // tach cai view ra**

**<Item name={item.name} price={item.price} image={item**

**.image} onPress={() => {**

**navigation.navigate('DetailProduct', { id: item.id })**

**}} />**

**</View>**

**)}}**

**keyExtractor={item => item.id}>**

**</FlatList>**

**</View>)}**

**5. DetailProduct({navigation, route})**

**function DetailProduct({ navigation, route }) {**

**// trong do id la ten duoc truyen { id: item.id })**

**const pId = route.params.id;**

**const [product, setProduct] = useState({});**

**const [heart, setHeart] = useState(require('./assets/heart.png'))**

**const [count, setCount] = useState(0)**

**useEffect(() => {**

**getProduct()**

**}, []);**

**function getProduct() {**

**for (let i = 0; i < DATA.length; i++) {**

**if (DATA[i].id === pId) {**

**setProduct(DATA[i])**

**return**

**}}} // tha tim**

**const counHeart = () => { setCount(count + 1)}**

**const handleHeart = () => {**

**if (count % 2 === 0) {**

**setHeart(require('./assets/heart2.png')) }**

**if (count % 2 != 0) {**

**setHeart(require('./assets/heart.png')) }**

**}**

**const handleAll = () => { counHeart(); handleHeart(); }**

**return (**

**<View style={{**

**display: "flex",**

**flexDirection: 'column',**

**gap: '5px'**

**}}>**

**<View style={{**

**backgroundColor: 'pink'**

**}}>**

**<Image source={product.image} style={{**

**height: '388px',**

**width: '359px',**

**padding: '20px',**

**justifyContent: 'center',**

**alignItems: 'center'**

**}} />**

**</View>**

**<Text>{product.name}</Text>**

**<Text>{product.price}</Text>**

**<Text>{product.description}</Text>**

**<View style={{**

**marginTop: '40px',**

**display: 'flex',**

**flexDirection: 'row'**

**}}>**

**<Pressable onPress={**

**handleAll**

**}>**

**<Image style={styles.heart} source={heart} />**

**</Pressable>**

**<Pressable style={{**

**padding: '20px',**

**border: '1px solid red',**

**width: '269px',**

**height: '54px',**

**backgroundColor: 'red',**

**borderRadius: '20px',**

**marginLeft: '60px'**

**}}>**

**<Text style={{**

**color: 'white',**

**textAlign: 'center'**

**}}>Add to cart</Text>**

**</Pressable>**

**</View>**

**</View>**

**)}**

**5. App**

**\* Nếu chỉ display trong trang Home page, viết trong hàm ListProduct**

**\* Header: Nếu display cho tất cả màn hình, viết trong**

**function Header() {**

**return (**

**<View style={{**

**display: 'flex',**

**flexDirection: 'row',**

**gap: '35px'**

**}}>**

**<Image style={styles.icon} source={require('./assets/arrow-left.png')} />**

**<View style={{**

**display: 'flex',**

**flexDirection: 'row',**

**width: '192px',**

**height: '30px',**

**backgroundColor: 'white',**

**gap: '20px'**

**}}>**

**<Image style={{**

**height: '24px',**

**width: '24px',**

**marginLeft: '5px',**

**marginTop: '2px'**

**}} source={require('./assets/find.png')} />**

**<Text style={{**

**color: '#7D5B5B',**

**marginTop: '2px'**

**}}>Day cap usb</Text>**

**</View>**

**<Image style={styles.icon} source={require('./assets/cart.png')} />**

**<Image style={{**

**height: '4px',**

**width: '18px',**

**marginTop: '10px'**

**}} source={require('./assets/group.png')} />**

**</View>)}**

**export default function App() {**

**return (**

**<NavigationContainer>**

**<Stack.Navigator screenOptions={{**

**headerStyle: {**

**backgroundColor: '#1BA9FF',**

**display: 'flex',**

**flexDirection: 'row',**

**},**

**headerTitle: () => (**

**<Header /> ) neu khong dung duoc thi đưa nguyên <View> vào đây**

**}}>**

**<Stack.Screen name="ListProduct"**

**component={ListProduct}**

**options={{ title: 'List Product' }} />**

**{/\* hide back button giau btn <- \*/}**

**<Stack.Screen name="DetailProduct"**

**component={DetailProduct}**

**options={{**

**title: 'DetailProduct',**

**headerLeft: () => null,**

**headerTitleStyle: {**

**color: 'red',**

**fontSize: '25px',**

**fontWeight: '700'}**

**}} />**

**<Stack.Screen name="Payment"**

**component={Payment}**

**options={{**

**title: 'Payment',**

**headerLeft: () => null**

**}} />**

**</Stack.Navigator>**

**{/\* set footer menu \*/}**

**<FooterMenu />**

**</NavigationContainer>**

**);**

**}**

**- Footer**

**function FooterMenu() {**

**// neu no khong la compnent thi phai khai bao navigation**

**const navigation = useNavigation();**

**return (**

**<View style={styles.footer}>**

**<Pressable onPress={() => {**

**navigation.navigate('ListProduct')**

**}}>**

**<Image style={{**

**height: '23px',**

**width: '18px'**

**}} source={require('./assets/list.png')} />**

**</Pressable>**

**<Pressable onPress={() => {**

**navigation.navigate('ListProduct')**

**}}>**

**<Image style={{**

**height: '24px',**

**width: '24px'**

**}} source={require('./assets/Vector.png')} />**

**</Pressable>**

**<Pressable onPress={() => {**

**navigation.navigate('ListProduct')**

**}}>**

**<Image style={{**

**height: '24px',**

**width: '24px'**

**}} source={require('./assets/back.png')} />**

**</Pressable>**

**</View>**

**);**

**};**

**Style của footer**

**footer: {**

**backgroundColor: '#1BA9FF',**

**flexDirection: 'row',**

**justifyContent: 'space-around',**

**paddingVertical: 10,**

**position: 'absolute',**

**bottom: 0,**

**width: '100%',**

**},**

**const Tab = createBottomTabNavigator()**

**function CustomFooter() {**

**return (**

**<Tab.Navigator**

**tabBarStyle={{**

**backgroundColor: '#1BA9FF'**

**}}**

**// set icon cho tab**

**screenOptions={({ route }) => ({**

**tabBarIcon: ({ focused, color, size }) => {**

**let iconSource;**

**if (route.name === 'list') {**

**iconSource = focused**

**? require('./assets/list.png')**

**: require('./assets/list.png');**

**}**

**if (route.name === 'home') {**

**iconSource = focused**

**? require('./assets/home2.png')**

**: require('./assets/home2.png');**

**}**

**if (route.name === 'back') {**

**iconSource = focused**

**? require('./assets/back.png')**

**: require('./assets/back.png');**

**}**

**return <Image source={iconSource} style={{ width: '24px', height: '24px' }} />; },**

**})}>**

**<Tab.Screen name='list' component={ListProduct} options={**

**styles.header**

**} />**

**<Tab.Screen name='home' component={Home} options={**

**styles.header**

**} />**

**<Tab.Screen name='back' component={Back} options={**

**styles.header**

**} />**

**</Tab.Navigator>)}**

**function Payment({ navigation, route }) {**

**// if (!route.params || !route.params.item || !route.params.quantity) {**

**//   return <Text>Error: Invalid parameters</Text>;**

**// } const { item, quantity } = route.params;**

**let final = (item.price) \* quantity;**

**return (**

**<View>**

**<Text>{quantity}</Text>**

**<Text>{final.toFixed(3) + ' vnd'}</Text>**

**</View>**

**) }**

**import 'react-native-gesture-handler';**

**import \* as React from 'react';**

**import { View, Text } from 'react-native';**

**import { NavigationContainer } from '@react-navigation/native';**

**import { createDrawerNavigator } from '@react-navigation/drawer';**

**import { createNativeStackNavigator } from '@react-navigation/native-stack';**

**const Stack = createNativeStackNavigator();**

**const Drawer = createDrawerNavigator();**

**function MyDrawer() {**

**return (**

**<Drawer.Navigator screenOptions={{**

**drawerPosition: 'right'**

**}}> //  component nhet vo day**

**<Drawer.Screen name="Feed" component={Feed} />**

**<Drawer.Screen name="Article" component={Article} />**

**</Drawer.Navigator>**

**);**

**}**

**export default function App() {**

**return (**

**<NavigationContainer>**

**<MyDrawer />**

**</NavigationContainer>**

**);**

**}**

**const [quantity, setQuantity] = useState(1)**

**const handleAdd = () => {**

**setQuantity(quantity + 1) }**

**const handleMove = () => {**

**setQuantity(quantity - 1) };**

**<Text>{product.price \* quantity + '.00'}</Text>**