

```
// Data class
```

```
data class BusinessCard(
```

```
    val name: String,
```

```
    val title: String,
```

```
    val phone: String,
```

```
    val email: String
```

```
)
```

```
// Function to center text
```

```
fun centerText(text: String, width: Int): String {
```

```
    val padding = (width - text.length) / 2
```

```
    return " ".repeat(padding.coerceAtLeast(0)) + text
```

```
}
```

```
// Function to print border line
```

```
fun printBorder(width: Int) {
```

```
    println("-".repeat(width))
```

```
}
```

```
// Function to print logo
```

```
fun printLogo(width: Int) {
```

```
    val logo = "[ANDROID]"
```

```
    println("|" + centerText(logo, width - 2).padEnd(width - 2) + "|")}
```

```
// Function to print empty line

fun printEmptyLine(width: Int) {

    println("|" + " ".repeat(width - 2) + "|")

}

// Function to print header (name + title)

fun printHeader(card: BusinessCard, width: Int) {

    println("|" + centerText(card.name, width - 2).padEnd(width - 2) + "|")

    println("|" + centerText(card.title, width - 2).padEnd(width - 2) + "|")

}

// Function to print contacts

fun printContacts(card: BusinessCard, width: Int, showContacts: Boolean) {

    if (showContacts) {

        val phoneText = "Phone: ${card.phone}"

        val emailText = "Email: ${card.email}"

        println("| " + phoneText.padEnd(width - 4) + "|")

        println("| " + emailText.padEnd(width - 4) + "|")

    }

}

// Main function

fun main() {
```

```
val width = 50

val card = BusinessCard(

    name = "Aditya Deshpande",

    title = "Android Developer",

    phone = "+91-98765-43210",

    email = "aditya@example.com"

)

printBorder(width)

printLogo(width)

printEmptyLine(width)

printHeader(card, width)

printEmptyLine(width)

printContacts(card, width, showContacts = true)

printBorder(width)

}
```