# Lab Assignment-03

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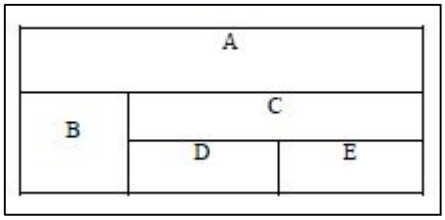
QUES 1: Design the following table using colspan and rowspan.

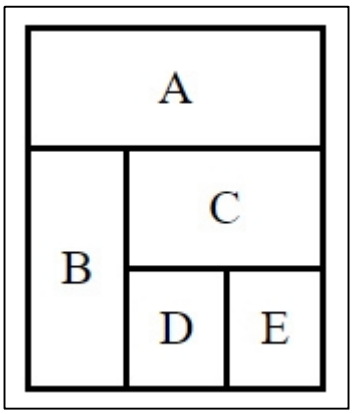



SOLUTION:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Question 1</title>
    <style>
        table,
        td {
            border: 2px solid;
            border-collapse: collapse;
        }
    </style>
</head>

<body>
    <table border="2" cellpadding="10;" cellspacing="1;">
        <tr>
            <td colspan="3">
                <center> A </center>
            </td>
        </tr>

        <tr>
            <td rowspan="2">B</td>
            <td colspan="2">
                <center>C</center>
            </td>
        </tr>

        <tr>
            <td>
                <center>D</center>
            </td>
            <td>
                <center>E</center>
            </td>
        </tr>
    </table>
</body>
```

```
</html>
```

OUTPUT:




QUES 2: Create a class ATM illustrating the functionality of ATM. Use switch case for the same.

SOLUTION:

```
import java.util.Scanner;

public class ATM {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        long amount = 100000;
        while (true) {
            System.out.println("\n---Automated Teller Machine---");
            System.out.println("|     1.CHeck balance        |");
            System.out.println("|     2.Withdraw balance     |");
            System.out.println("|     3.Deposit balnce       |");
            System.out.println("|     4.Exit                 |");
            System.out.println("|----------------------------|\n\nWelcome to ATM\nEnter
option(1-4): ");
            int opt = sc.nextInt();
            switch (opt) {
                case 1:
                    System.out.println("\nYour current amount balance is : $" + amount);
                    break;
                case 2:
                    System.out.println("\nEnter money to withdraw");
                    int draw = sc.nextInt();
                    amount -= draw;
                    System.out.println("\n$" + draw + " has been withdrawn");
                    break;
                case 3:
                    System.out.println("\nEnter balance to deposit :");
                    int add = sc.nextInt();
                    amount += add;
                    System.out.println("\n$" + add + " has been added to your account");
                    break;
                case 4:
                    System.exit(0);
                    break;
```

```
            }
        }
    }
}
```

OUTPUT:

```
---Automated Teller Machine---
|     1.CHeck balance         |
|     2.Withdraw balance      |
|     3.Deposit balnce        |
|     4.Exit                  |
|-----------------------------|

Welcome to ATM
Enter option(1-4):
1

Your current amount balance is : $100000

---Automated Teller Machine---
|     1.CHeck balance         |
|     2.Withdraw balance      |
|     3.Deposit balnce        |
|     4.Exit                  |
|-----------------------------|

Welcome to ATM
Enter option(1-4):
2

Enter money to withdraw
75000

$75000 has been withdrawn

---Automated Teller Machine---
|     1.CHeck balance         |
|     2.Withdraw balance      |
|     3.Deposit balnce        |
|     4.Exit                  |
|-----------------------------|

Welcome to ATM
Enter option(1-4):
1

Your current amount balance is : $25000

---Automated Teller Machine---
|     1.CHeck balance         |
|     2.Withdraw balance      |
|     3.Deposit balnce        |
|     4.Exit                  |
|-----------------------------|

Welcome to ATM
```

```
Enter option(1-4):
3

Enter balance to deposit :
175000

$175000 has been added to your account

---Automated Teller Machine---
|     1.CHeck balance         |
|     2.Withdraw balance      |
|     3.Deposit balnce        |
|     4.Exit                  |
|-----------------------------|

Welcome to ATM
Enter option(1-4):
1

Your current amount balance is : $200000

---Automated Teller Machine---
|     1.CHeck balance         |
|     2.Withdraw balance      |
|     3.Deposit balnce        |
|     4.Exit                  |
|-----------------------------|

Welcome to ATM
Enter option(1-4):
4
```

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