Name: Mahfuzur Rahman ID:1811077 Sec:1

Solving for LCS(“CAFD”, “ACPFA”)

2

|  |
| --- |
| "CAFD", "ACPFA" |

2 2

|  |  |
| --- | --- |
| "CAFD", "ACPF" | "CAF", "ACPFA" |

1 2 2 2

|  |  |  |  |
| --- | --- | --- | --- |
| "CAFD", "ACP" | "CAF", "ACPF" | "CAF", "ACPF" | "CA", "ACPFA" |

1 1 2 2

|  |  |  |  |
| --- | --- | --- | --- |
| "CAFD", "AC" | "CAF", "ACP" | 1 + "CA", "ACP" | 1 + "C", "ACPF" |

1 1 1 1 1 0

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| "CAFD", "A" | "CAF", "AC" | "CAF", "AC" | "CA", "ACP" | "C", "ACP" | "", "ACPF" |

0 1 1 1 1 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| "CAFD", "" | "CAF", "A" | "CAF", "A" | "CA", "AC" | "CA", "AC" | "C", "ACP" |

0 1 1 1 1 0

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| "CAF", "" | "CA", "A" | "CA", "A" | "C", "AC" | "C", "AC" | "", "ACP" |

1 1

|  |  |
| --- | --- |
| 1 + "C", "" | 1 + "", "A" |

LCS (“CAFD”, “ACPFA”) = 2

ggggg