NAME

FAIZAN NAZIR

SUBJECT

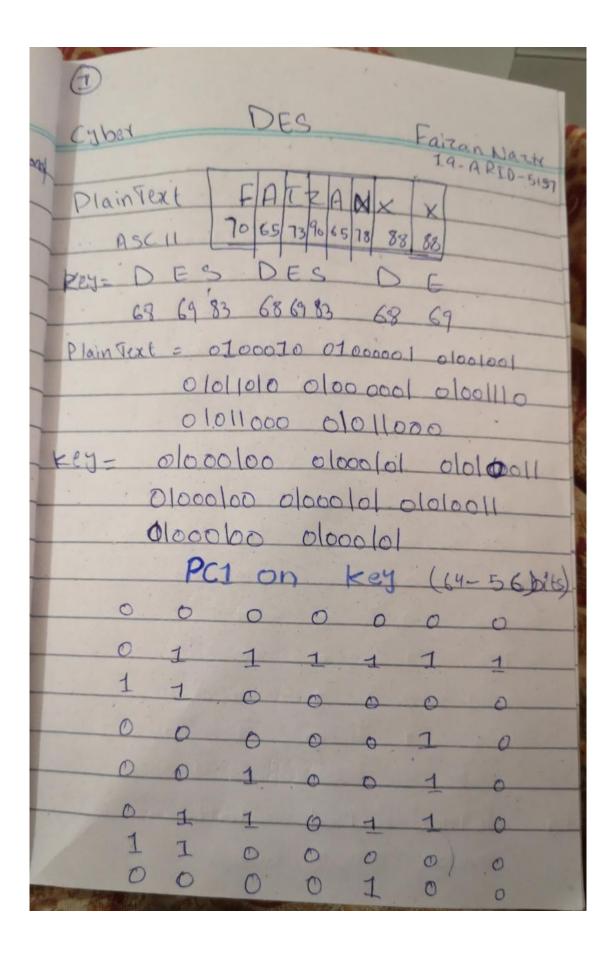
CYBER SECURITY

BSCS7A

PLAIN TEXT = FAIZANXX

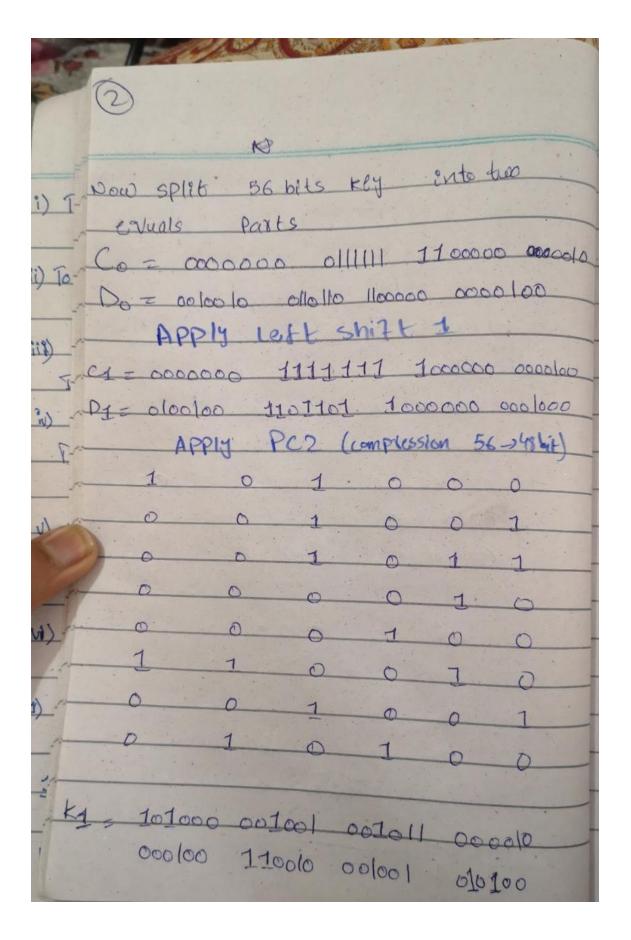
KEY = DESDESDE

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| | | | | | | |
| 57 | 49 | 41 | 33 | 25 | 17 | 9 |
| 1 | 58 | 50 | 42 | 34 | 26 | 18 |
| 10 | 2 | 59 | 51 | 43 | 35 | 27 |
| 19 | 11 | 3 | 60 | 52 | 44 | 36 |
| 63 | 55 | 47 | 39 | 31 | 23 | 15 |
| 7 | 62 | 54 | 46 | 38 | 30 | 22 |
| 14 | 6 | 61 | 53 | 45 | 37 | 29 |
| 21 | 13 | 5 | 28 | 20 | 12 | 4 |



PC-2

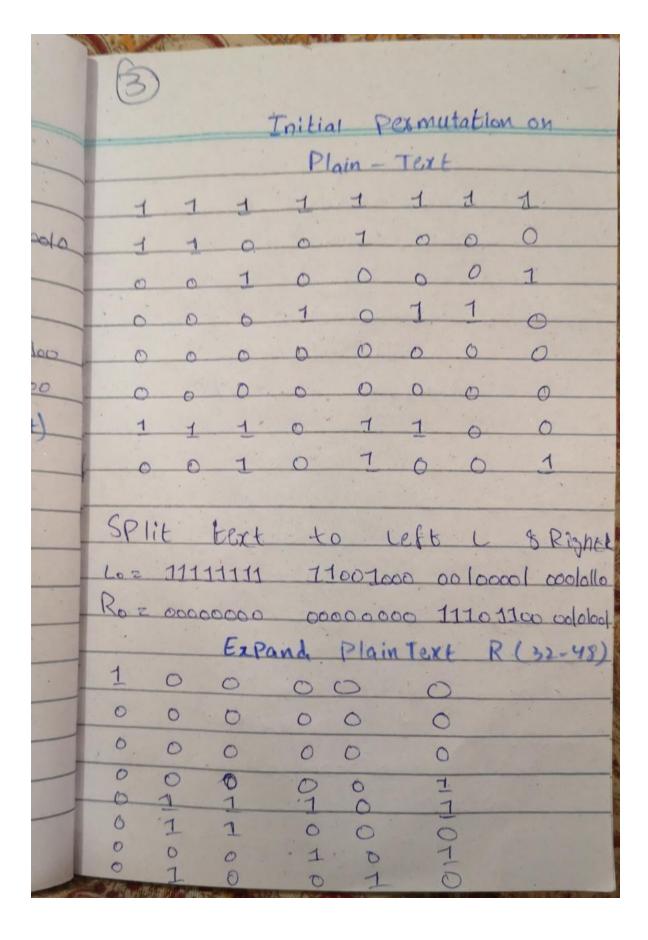
| 14 | 17 | 11 | 24 | 1 | 5 |
|----|----|----|----|----|----|
| 3 | 28 | 15 | 6 | 21 | 10 |
| 23 | 19 | 12 | 4 | 26 | 8 |
| 16 | 7 | 27 | 20 | 13 | 2 |
| 41 | 52 | 31 | 37 | 47 | 55 |
| 30 | 40 | 51 | 45 | 33 | 48 |
| 44 | 49 | 39 | 56 | 34 | 53 |
| 46 | 42 | 50 | 36 | 29 | 32 |



| | | | IP | | | | |
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| 58 | 50 | 42 ' | 34 | 26 | 18 | 10 | 2 |
| 60 | 52 | 44 | 36 | 28 | 20 | 12 | 4 |
| 62 | 54 | 46 | 38 | 30 | 22 | 14 | 6 |
| 64 | 56 | 48 | 40 | 32 | 24 | 16 | 8 |
| 57 | 49 | 41 | 33 | 25 | 17 | 9 | 1 |
| 59 | 51 | 43 | 35 | 27 | 19 | 11 | 3 |
| 61 | 53 | 45 | 37 | 29 | 21 | 13 | 5 |
| 63 | 55 | 47 | 39 | 31 | 23 | 15 | 7 |

E BIT-SELECTION TABLE

| 1 | 2 | 3 | 4 | 5 |
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| 5 | 6 | 7 | 8 | 9 |
| 9 | 10 | 11 | 12 | 13 |
| 13 | 14 | 15 | 16 | 17 |
| 17 | 18 | 19 | 20 | 21 |
| 21 | 22 | 23 | 24 | 25 |
| 25 | 26 | 27 | 28 | 29 |
| 29 | 30 | 31 | 32 | 1 |
| | 5 9 13 17 21 25 | 5 6 9 10 13 14 17 18 21 22 25 26 | 5 6 7 9 10 11 13 14 15 17 18 19 21 22 23 25 26 27 | 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 |



\$1

14 4 13 1 2 15 11 8 3 10 6 12 5 9 0 7

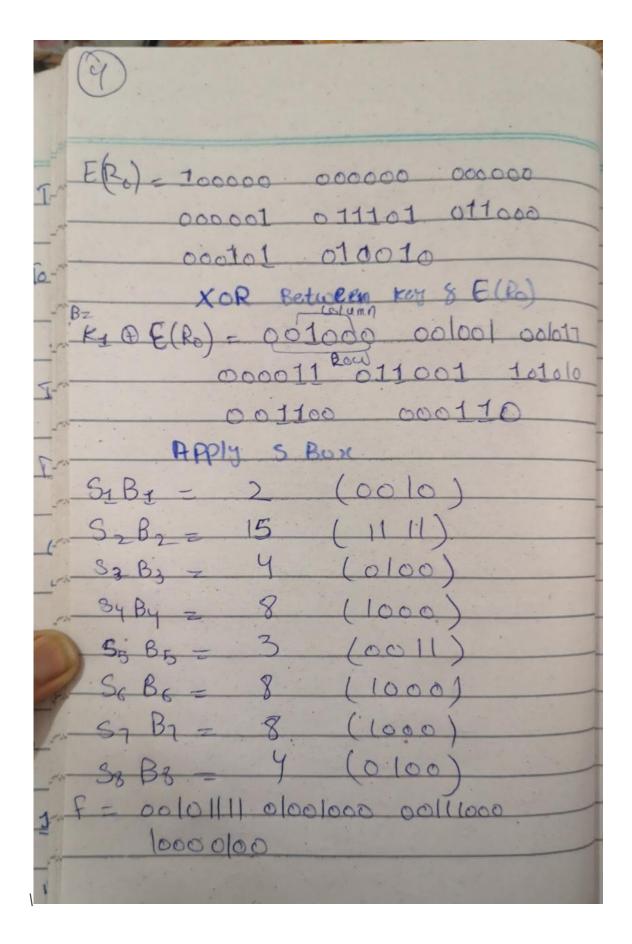
0 15 7 4 12 2 13 1 10 6 12 11 9 5 3 8
4 1 14 8 13 6 2 11 15 12 9 7 3 10 5 0

15 12 8 2 4 9 1 7 5 11 3 14 10 0 6 13

\$2

15 1 8 14 6 11 3 4 9 7 2 13 12 0 5 10
3 13 4 7 15 2 8 14 12 0 1 10 6 9 11 5
0 14 7 11 10 4 13 1 5 8 12 6 9 3 2 15
13 8 10 1 3 15 5 1 13 12 7 11 4 2 8
13 7 0 9 3 4 6 10 2 8 5 14 12 11 15 1

| _ | | | | | | | | | | | | | | | | | | | | |
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| I | | _ | | | | | _ | | | | | | _ | | | _ | | | | |
| I | | 6 | 13 | 9 | 6 | 15 | 3 | | | | 14 | | | | | | | | | |
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| ١ | | | | | | | | S4 | | | | | | | | | | | | |
| I | 7 | 13 | 14 | 3 | 0 | 6 | 0 | 10 | 1 | 2 | 9 | 5 | 11 | 12 | 4 | 15 | | | | |
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| 29 | 12 | 28 | 17 |

