

7 name \rightarrow (string)

roll $\rightarrow (1-100)$

class \rightarrow (1-10)

10

$$n_0 \quad \pi_0 \quad C_0$$

•

 π, τ, ζ

4

A	5	2
B	2	2
C	1	2
D	6	2

C	1	2
B	2	2
A	5	2
D	6	2

Diagram illustrating a matching between two sets of nodes (A, B, C, D) and (C, B, A, D). Red arrows indicate the matching edges: A to C, B to B, C to A, and D to D.

A 1 2

B 2 2

C 5 2

D 6 2

struct StudentInfo

cloning name: |

string name,

```
int roll;
```

```
int class;
```

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studentInfo obj ;

obj.name = "sakib"

obj. pool = 5

obj. class = 6

1 2 4 8 9

$$O(N)$$
$$O(\log N)$$
$$O(N \log N)$$

fixed minimum distance

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

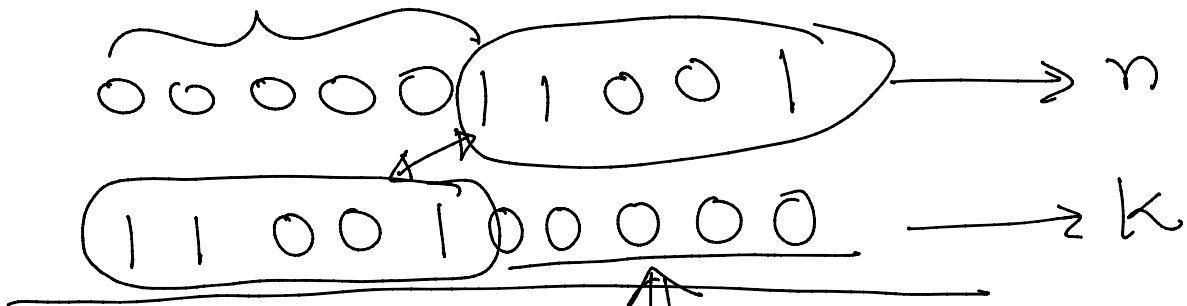
[illegible]

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$\rightarrow M$

 $\rightarrow R$

\dots
 $\left(\begin{smallmatrix} 8 \end{smallmatrix} \right)$
 $\longrightarrow \text{false}$
 $\longrightarrow K$



0 0 0 0 0 0 0 0 0 0

$\left(\begin{smallmatrix} 8 \\ 10 \end{smallmatrix} \right) \longrightarrow 1$

11001 $\longrightarrow n$
 110010 $\longrightarrow 2n$