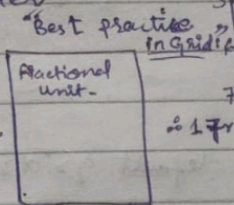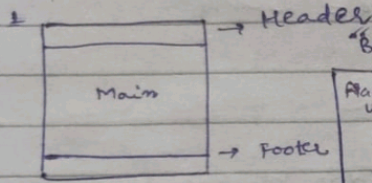## CSS Grid:-

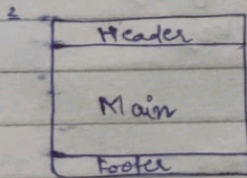→ Grid is 2-dimensional layout in which I have rows & cols, through which I can create my website layout.

↳ create Layout

*Different layout designs are as follows-

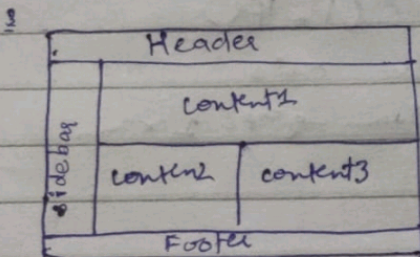1.
```
Main
```
→ Header
→ Footer

"Best practice in Grid"

Fractional unit-

∴ 1fr = 1000px (Grid Layout)

2.
```
Header
Main
Footer
```

3.
```
          Header
          content1
side bar  content2 | content3
          Footer
```

	2	3	4	5	
1			[cell]	↕	→ track
2				←→	row track
3					#track means span.
4					
5					
6					
7					

→ We can create layout by using tables, position, flexbox, grid.

best way

Revised:

(In future, we will use grid for layouting)
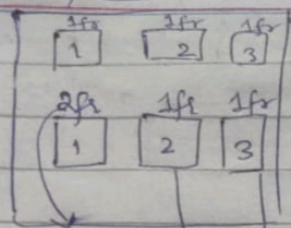
Flex ↳ → Parent container.
      ↳ Child items → display:flex

Grid ↳ → container → display:flex grid
      ↳ child items

* <u>Fractional Units</u>

:fr box k lehaz sy hota hai.   1box = 1fr.

3fr = 3000px because 1fr = 1000px.

O3fr = $\frac{3000px}{4}$ = (750px)

→ Iska mtlb

1fr = 750px

2×750 750 750 (width ó
(ó   (1½2 ≤
width
lega)   (ó
width
lega)

<u>HomeWork:</u> display : grid. (by default grid is block grid)
       HomeWork: inline-grid. (How does it works)

Rows   →   grid-template-rows (1, 1fr)
Columns   →   grid-template columns (1, 1fr)
gap b/w rows: gap b/w cols
row-gap → 1rem   ,   column gap: 1rem
bothgap: gap → 1rem

* Grid col, ya grid row ko stretch krny klye.
* Agr grid row ko stretch krna hai two.
  use;
      grid-column-start :1   , grid-column-end: 4
* grid-row stretch,
      grid-row-start : 1   , grid-row-end, 4

1. Move grid items horizontally.
   use ; justify-self. start, end, center, stretch.
2. Move grid items vertically.
   use , align-self. start, center, end, stretch.
3. Move grid items horizontally and vertically both
   vice versa.
   use; place-self : start, end, center, stretch.

→ Ab ag$ mai 1 e dafa mai say items ko start, end, horizontally.
center ya stretch karna chahti hen tuo I will use,
"justify-items" in my (container) then all
items will move accordingly.

→ Same essy hi I can use "align items" in
my (container) to move all items vertically.

→ Same if I want k mai dono kam
1 eproperty ko use krk kerna chahi
hon, then I will use, place-items in
my (container,)