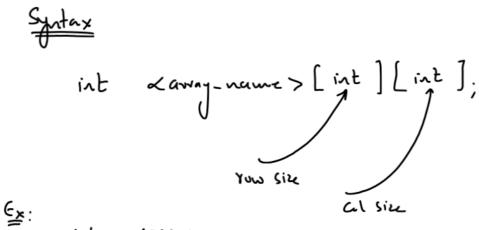
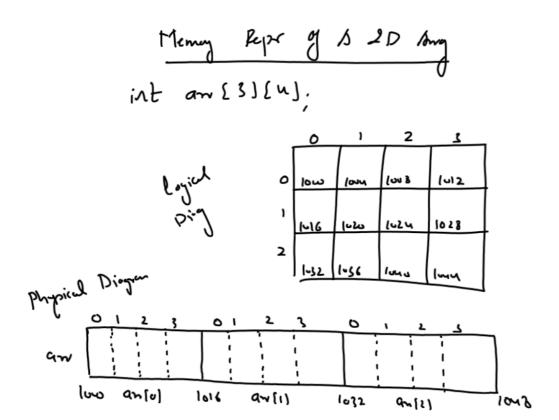
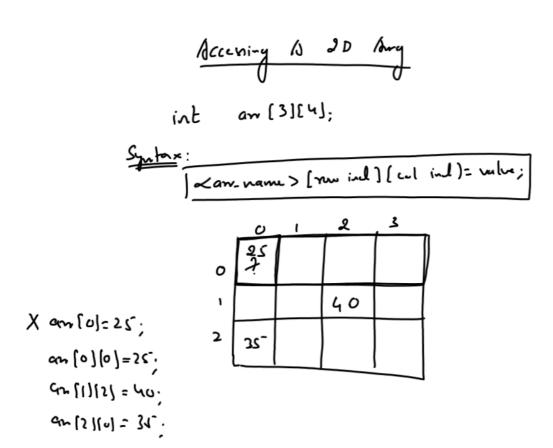
Double Dimensional Intege May



int an [3][4].





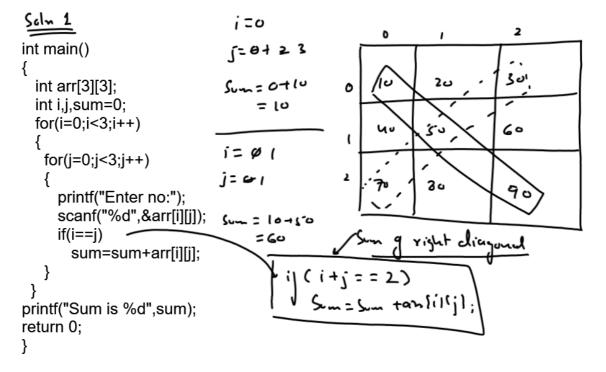
WAP to create a 2D integer array of 3*4 size , accept input from the user in it and finally display all array values in MATRIX STYLE.

```
25
int main()
                                                              31
                                                        Ų٥
  int arr[3][4];
                                                       29
                                                             45
                                                                   62
                                                 12
  int i,j;
  for(i=0;i<3;i++)
                                                       18
                                                 10
                                                             27
                                                                   12
   for(j=0;j<4;j++)
     printf("Enter no:");
     scanf("%d",&arr[i][j]);
                                                                   2 ر
                                             15
   }
                                            ر ح
                                                     2 م
                                                                     62
 for(i=0;i<3;i++)
                                            10
                                                     18
                                                                      12
                                                              27
   for(j=0;j<4;j++)
      printf("%d ",arr[i][j]);
   printf("\n");
  }
return 0;
}
```

WAP to create a 2D integer array of 3*4 size , accept input from the user in it and finally display the SUM and AVERAGE of all elements of the array

```
int main()
{
    int arr[3][4];
    int i,j,sum=0;
    for(i=0;i<3;i++)
    {
        for(j=0;j<4;j++)
        {
            printf("Enter no:");
            scanf("%d",&arr[i][j]);
            sum=sum+arr[i][j];
        }
    }
    printf("Sum is %d",sum);
    printf("\nAvg is %f",(float)sum/(i*j));
    return 0;
}</pre>
```

WAP to create a 2D integer array of 3*3 size , accept input from the user in it and finally display the SUM of its DIAGONAL elements only



```
Sol~ 2
```

```
int main()
{
   int arr[3][3];
   int i,j,sum=0;
   for(i=0;i<3;i++)
   {
      for(j=0;j<3;j++)
      {
        printf("Enter no:");
        scanf("%d",&arr[i][j]);
      }
      sum=sum+arr[i][i];
   }
   printf("Sum is %d",sum);
   return 0;
}</pre>
```