Sparse Matrix

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#include<stdio.h>
typedef struct
        int row, col, val;
}sparse;
void disp(sparse *);
void disp(sparse a[])
        printf("row\tcol\tvalue\n");
        for(int i=0;i <= a[0].val;i++)
printf("%d \t %d \t %d\n",a[i].row, a[i].col, a[i].val);
```

Sparse Matrix Representation (1)

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Sparse Matrix Representation (2)
int main ()
                                                int r,c,v,val;
         sparse s[20],d;
         printf("Enter the no. of rows:\n");
                                                scanf("%d",&s[0].row);
         printf("Enter the no. of cols:\n");
                                                scanf("%d",&s[0].col);
         printf("Enter the no. of values:\n");
                                                scanf("%d",&s[0].val);
         printf("Enter the elements of the sparse matrix:\n");
         for(int i=1;i \le s[0].val;i++)
                 printf("\nrow %d: ", i); scanf("%d",&s[i].row);
                 printf("\ncol %d: ", i);scanf("%d",&s[i].col);
                 printf("\nvalue %d: ", i); scanf("%d",&s[i].val);
         disp(s);
```