```c
int main (){

int matriz [3][3], l, c;

for ( l=0; l<3; l++ )
{
    for (c=0; c<3; c++ ){
        printf("[%d] [%d]=", l, c);
        scanf ("%d", &matriz [l] [c]);

    }

}

printf("\n\n\n DIAGONAL PRINCIPAL: \n");

for ( l=0; l<3; l++ ){
    printf ("[%d][%d] = %d\n", l, l, matriz [l][l] );
}

return 0
;
}
```