int y=40;int x;

for(int i=1;i<=10;i++){

x=68;

for(int j=1;j<=10;j++){

int r=rand() % (5-1+1) + 1;

gem[r].render(x,y);x+=59;

}

y+=59;

}

for(int i=1;i<=10;i++){

for(int j=1;j<=10;j++){

sqare[i][j].render(sqare[i][j].x,sqare[i][j].y);

}}

SDL\_Delay(0);

/\* void checkpoint(plate p[12][12],plate now){

if(now.a1==1 and now.b1==1){

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

}

else if(now.a1==1 and now.b1==10){

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

}

else if(now.a1==10 and now.b1==10){

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

}

else if(now.a1==10 and now.b1==1){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

}

else if(now.a1==1 and now.b1==2){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

}

else if(now.a1==1 and now.b1==9){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

}

else if(now.a1==10 and now.b1==2){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

}

else if(now.a1==10 and now.b1==9){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

}

else if(now.a1==2 and now.b1==1){

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

}

else if(now.a1==2 and now.b1==10){

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

}

else if(now.a1==9 and now.b1==10){

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

}

else if(now.a1==9 and now.b1==1){

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

}

else if(now.b1>=3 and now.b1<=8 and now.a1==1){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else if(now.b1>=3 and now.b1<=8 and now.a1==2){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

}

else if(now.b1>=3 and now.b1<=8 and now.a1==10){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else if(now.b1>=3 and now.b1<=8 and now.a1==9){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

}

else if(now.a1>=3 and now.a1<=8 and now.b1==1){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

}

else if(now.a1>=3 and now.a1<=8 and now.b1==2){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else if(now.a1>=3 and now.a1<=8 and now.b1==10){

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

}

else if(now.a1>=3 and now.a1<=8 and now.b1==9){

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else if( now.a1==2 and now.b1==2){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else if(now.a1==9 and now.b1==2){

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else if(now.a1==2 and now.b1==9){

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else if(now.a1==9 and now.b1==9){

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

}

else {

if(now.g==p[now.a1][now.b1-1].g and now.g==p[now.a1][now.b1-2].g){

now.condition=0; p[now.a1][now.b1-1].condition=0;p[now.a1][now.b1-2].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1+1][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1+1][now.b1].condition=0;

}

if(now.g==p[now.a1-1][now.b1].g and now.g==p[now.a1-2][now.b1].g){

now.condition=0; p[now.a1-1][now.b1].condition=0;p[now.a1-2][now.b1].condition=0;

}

if(now.g==p[now.a1+1][now.b1].g and now.g==p[now.a1+2][now.b1].g){

now.condition=0; p[now.a1+1][now.b1].condition=0;p[now.a1+2][now.b1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1-1].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1-1].condition=0;

}

if(now.g==p[now.a1][now.b1+1].g and now.g==p[now.a1][now.b1+2].g){

now.condition=0; p[now.a1][now.b1+1].condition=0;p[now.a1][now.b1+2].condition=0;

}

}

} \*/