FLOWCHART
PROGRAM UTAMA

START

int Mat [10][10]
int temp
int nilai_max = 10
int nilai_low = -10
int i = 0
int j = 0

i = 0

i < 10 — i++

Yes

j=0

No

j < 10

Yes

Mat[i][j] = (rand() % (nilai_max - nilai_low + 1)) + nilai_low
j++

OUTPUT :
Matrix awal

i = 0

i < 10 — i++

Yes

j=0

No

j < 10

Yes

(i+j !=9) &&
(i!=j) && (i+j<9) — No — j++

Yes

temp = Mat[i][j]
Mat[i][j] = Mat[9-i][j]
Mat[9-i][j] = temp

i = 0

i < 10 — i++

Yes

j=0

No

j < 10

Yes

(i+j !=9) &&
(i!=j) && (i+j<9) — No — j++

Yes

temp = Mat[i][j]
Mat[i][j] = Mat[i][9-j]
Mat[i][9-j] = temp

i=0

i<10

Yes

j=0   i++

j<10 — No

Yes

j<9 — No

Yes

Output :   Output :
printf("%3d ",Mat[i][j])   printf("%3d \n",Mat[i][j])

j++

No

END