#include <stdio.h>

void main()

{

int j;

for(j=9;j%5;j--)

{

printf("%d",j);

}

}

o/p:

9876

#include<stdio.h>

int main() {

int i,j,rows;

printf("Enter number of rows: ");

scanf("%d", &rows);

for (i=1; i<=rows; ++i) {

for (j=1; j<=i; ++j)

{ printf("%d ",j); }

printf("\n");

}

return 0;

}

o/p:

Enter number of rows: 5

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

#include<stdio.h>

void main() {

int i,j;

for (i=1; i<=5; i++)

{

for (j=1; j<=i; j++)

{

printf("%d ",j%2);

}

printf("\n");

}

}

o/p:1

1 0

1 0 1

1 0 1 0

1 0 1 0 1

#include<stdio.h>

void main() {

int i,j;

for (i=1; i<=5; i++)

{

for (j=1; j<=i; j++)

{

printf("\*");

}

printf("\n");

}

}

o/p:

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

#include<stdio.h>

void main() {

int i,j,k=1;

for (i=1; i<=5; i++)

{

for (j=1; j<=5; j++)

{

if(i==1||i==5||j==1||j==5)

printf("\*");

else

printf(" ");

}

printf("\n");

}

}

o/p:

\*\*\*\*\*

\* \*

\* \*

\* \*

\*\*\*\*\*

#include<stdio.h>

void main()

{

int i,j,k;

for (i=0; i<=5; i++)

{

for (k=5; k>=i; k--)

printf(" ");

for(j=i;j>=0;j--)

{

printf("%d",j);

}

for(j=1;j<=i;j++)

{

printf("%d",j);

}

printf("\n");

}

}

o/p:

0

101

21012

3210123

432101234

54321012345

#include<stdio.h>

int main() {

int rows, coef=1, space, i, j;

printf("Enter number of rows: ");

scanf("%d", &rows);

for (i=0; i<rows; i++) {

for (space=1; space <= rows-i; space++)

printf(" ");

for (j=0; j<=i; j++) {

if (j==0 || i==0)

coef = 1;

else

coef=coef\*(i-j+1)/j;

printf("%4d", coef);

}

printf("\n");

}

return 0;

}

o/p:

Enter number of rows: 4

1

1 1

1 2 1

1 3 3 1