ASSIGNMENT 8

-------------------------------------------------------------------------------------------------------------------

/\* First Question \*/

#Include<stdio.h>

int main()

{

int i,j;

for(i=0; i<=4; i++)

{

for(j=o; j<=4; j++)

{

printf("\*");

}

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------

/\* Question 2 \*/

#Inlude<stdio.h>

int main()

{

int i,j,n=5;

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

{

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

{

printf("\*");

}

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------

/\* Quetion 3 \*/

#Inlude<stdio.h>

int main()

{

int i,j;

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

{

for(j=0; j>=5; j++)

{

printf("\*");

}

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------/\* question 4 \*/

#Inlude<stdio.h>

int main()

{

int i,j;

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

{

for(j=0; j>=5; j--)

{

printf("\*");

}

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------

/\* question 5 \*/

#Inlude<stdio.h>

int main()

{

int i, space, rows, k=0;

printf("Enter no of rows:");

scanf("%d", &rows);

for(i=1; i<=rows; ++i, k=o)

{

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

{

printf(" ");

}

while (k!=2\*i-1)

{

printf("\*");

}

++k;

}

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------/\* question 6 \*/

#Inlude<stdio.h>

int main()

{

int r,i,j,s;

printf("Enter no of rows:");

scanf("%d", &r);

for(i=r; i>=1; --i, )

{

for(s=0; s<=r-i; ++s)

{

printf(" ");

}

for(j=i; j<=2\*i-1; ++j)

{

printf("\*");

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------

/\* question 7 \*/

#Inlude<stdio.h>

int main()

{

int i,j;

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

{

for(j=0; j>=5; j++)

{

printf("\*");

}

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

{

for(j=0; j>=5; j--)

{

printf("\*");

}

{

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------/\* question 8 \*/

#include<stdio.h>

int main()

{

int i, j, count=0;

for(i=o; i<=3; i++)

{

count = 0;

for(j=0; j<(3-i); j++)

{

printf(" ");

}

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

{

printf("%d", ++count);

while (count)

{

printf("%d", count--);

}

printf("\n");

}

}

-------------------------------------------------------------------------------------------------------------------

/\* question 9 \*/#include<stdio.h>

int main()

{

int i, j, count=0;

for(i=o; i<=3; i--)

{

count = 0;

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

{

printf(" ");

}

for(j=0; j<=(3-i); j++)

{

printf("%d", ++count);

while (count)

{

printf("%d", count--);

}

printf("\n");

}

}

-------------------------------------------------------------------------------------------------------------------

/\* question 10 \*/

#include<stdio.h>

int main()

{

int i, j, count=0;

for(j=o; j<=(3-i); i++)

{

printf("%d", ++count);

}

for(j=o; j<2\*i-1; i++)

{

printf(" ");

}

if (i==0)

count --;

while (count)

printf("%d", count--);

printf("\n");

}

-------------------------------------------------------------------------------------------------------------------

/\* question 11 \*/

#include<stdio.h>

#include<conio.h>

int main()

{

int ch=65;

int i,j,k,m;

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

{

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

printf(" ");

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

printf("%c", ch++);

ch--;

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

printf("%c", --ch);

printf("\n");

ch=65;

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------

/\* question 12 \*/

#include<stdio.h>

#include<conio.h>

int main()

{

int ch=65;

int i,j,k,m;

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

{

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

printf(" ");

for(k=1; k<=i; k--)

printf("%c", ch--);

ch++;

for(m=1; m<i; m--)

printf("%c", ++ch);

printf("\n");

ch=65;

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------

/\* question 14 \*/

#Include<stdio.h>

#include<conio.h>

int main()

int i,j,n=5;

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

{

if(j==0 || i==j || i==n-1)

printf("\*");

else

printf("\_");

}

printf("\n");

}

-------------------------------------------------------------------------------------------------------------------

/\* question 15 \*/

#Include<stdio.h>

#include<conio.h>

int main()

int i,j,n=5;

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

{

for(j=1; j<=n; j--)

{

if(j==4 || j==i-1 || i==4)

printf("\*")

else

printf(" \_ ");

}

printf("\n");

}

-------------------------------------------------------------------------------------------------------------------

/\* question 16 \*/

#Include<stdio.h>

#include<conio.h>

int main()

int i,j;

{

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

{

for(j=0; j<=9; j++)

{

if(j=4-i || j==4+i || i==4)

printf("\*");

else

printf(" ");

}

printf(\n);

}

-------------------------------------------------------------------------------------------------------------------

/\* question 17 \*/

#Include<stdio.h>

#include<conio.h>

int main()

{

int n,m=1;

printf("Enter no. of rows");

scanf("%d", &n);

for(int i=n; i>=1; i--)

{

for(int j=<m; j++)

{

printf(" ");

}

for(int k=1; k<=29; i-1; k++)

{

if(k==1 || k==2\*i-1 || i==n)

printf("\*");

else

printf(" ");

}

m++;

printf("\n");

}

return 0;

}

-------------------------------------------------------------------------------------------------------------------/\* question 15 \*/

#Include<stdio.h>

#include<conio.h>

int main()

{

int n;

Printf("Enter no. of rows");

scanf("%d", &n);

int space = n-1;

int stars = 1;

for(int i=1; i<=n; i++)

{

for(int j=1; j<=space; j++)

{

printf(" ");

}

for(int k=1; k<=stars; k++)

{

printf("\*");

}

if ( space>i )

{

space=space-1;

stars=stars+2;

}

if(spaces <i )

{

spaces = spaces+1;

stars = star-2;

}

printf("\n");

}

return 0;

}