

```

① #include <stdio.h>
int main()
{
    int i, j;
    printf("Enter two number");
    scanf("%d %d", &i, &j);
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=5; j++)
        {
            if (j<=i)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```

```

② #include <stdio.h>
int main()
{
    int i, j;
    printf("Enter two number");
    scanf("%d %d", &i, &j);
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=5; j++)
        {
            if (j>=6-i)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```

```

③ #include <stdio.h>
int main()
{
    int i, j;
    printf("Enter two number");
    scanf("%d %d", &i, &j);
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=5; j++)
        {
            if (j<=6-i)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```



```

④ #include <stdio.h>
int main()
{
    int i, j;
    printf("enter two numbers");
    scanf("%d %d", &i, &j);
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=5; j++)
        {
            if (j>=i)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```

```

⑤ #include <stdio.h>
int main()
{
    int i, j;
    printf("enter two numbers");
    scanf("%d %d", &i, &j);
    for (i=1; i<=5; i++)
    {
        if (j>=6-i & j<=4+i)
        {
            printf("x");
        }
        else
        {
            printf(" ");
        }
        printf("\n");
    }
}

```


⑥ #include <stdio.h>

int main()

{

int i, j;

printf("enter two numbers");

scanf("%d %d", &i, &j);

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

{

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

{

if (j>=i & j<=10-i)

{

printf("x");

}

else

{

printf(" ");

}

printf("\n");

}

}

⑦ #include <stdio.h>

int main()

{

int i, j;

printf("enter two number");

scanf("%d %d", &i, &j);

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

{

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

if (j<=6-i || j>=5+i)

printf("x");

else

printf(" ");

printf("\n");

}

}


```

⑧ #include <stdio.h>
int main()
{
    int i, j, k, a, b;
    printf("enter two number");
    scanf("%d %d", &a, &b);
    for (i = 1; i <= a; i++)
    {
        k = 1;
        for (j = 1; j <= b; j++)
        {
            if (j >= 5 - i && j <= 3 + i)
            {
                printf("%d", k);
                j < 4 ? k++ : k--;
            }
            else
            {
                printf(" ");
            }
        }
        printf("\n");
    }
}

```

```

⑨ #include <stdio.h>
int main()
{
    int i, j, k, a, b;
    printf("enter two number");
    scanf("%d %d", &a, &b);
    for (i = 1; i <= a; i++)
    {
        k = 1;
        for (j = 1; j <= b; j++)
        {
            if (j >= 1; && j <= 8 - i)
            {
                printf("%d", k);
                j < 4 ? k++ : k--;
            }
            else
            {
                printf(" ");
            }
        }
        printf("\n");
    }
}

```


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```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int i, k, j, a, b;
```

```
printf("enter two numbers");
```

```
scanf("%d %d", &a, &b);
```

```
for (i = 1; i <= a; i++)
```

```
{
```

```
    k = 1;
```

```
    for (j = 1; j <= b; j++)
```

```
    {
```

```
        if (j >= 3 + i || j <= 5 - i)
```

```
        {
```

```
            printf("%d", k);
```

```
            j < 4 ? k++ : k--;
```

```
        } else
```

```
        {
```

```
            printf(" ");
```

```
            if (j == 4)
```

```
                k--;
```

```
        }
```

```
    }
```

```
    printf("\n");
```

```
}
```

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```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int i, j, a, b;
```

```
char k;
```

```
printf("enter two numbers");
```

```
scanf("%d %d", &a, &b);
```

```
for (i = 1; i <= a; i++)
```

```
{
```

```
    k = 'A';
```

```
    for (j = 1; j <= b; j++)
```

```
    {
```

```
        if (j >= 6 - i || j <= 4 + i)
```

```
        {
```

```
            printf("%c", k);
```

```
            j < 5 ? k++ : k--;
```

```
        } else
```

```
        {
```

```
            printf(" ");
```

```
        }
```

```
    }
```

```
}
```


12) #include <stdio.h>

int main()

```
{
    int i, j, a, b;
    char k;
    printf("Enter two numbers");
    scanf("%d %d", &a, &b);
    for (i=1; i<=a; i++)
    {
        k='A';
        for (j=1; j<=b; j++)
        {
            if (j>= 8 & j<= 8-i)
            {
                printf("%c", k);
                j<4 ? k++ : k--;
            }
            else
            {
                printf(" ");
                if (j==4)
                    k--;
            }
            printf("\n");
        }
    }
}
```

13) #include <stdio.h>

int main()

```
{
    int i, j, a, b;
    char k;
    printf("Enter two numbers");
    scanf("%d %d", &a, &b);
    for (i=1; i<=a; i++)
    {
        k='A';
        for (j=1; j<=b; j++)
        {
            if (j==7)
                k--;
            if (j<9-i || j>5+i)
            {
                printf("%c", k);
                j<7 ? k++ : k--;
            }
            else
            {
                printf(" ");
            }
            printf("\n");
        }
    }
}
```



```

(14) #include <stdio.h>
int main()

```

```

{
    int i, j;
    printf("enter two numbers");
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=5; j++)
        {
            if (j==1 || j==i || j==5)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```

```

(15) #include <stdio.h>
int main()

```

```

{
    int i, j;
    printf("enter two number\n");
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=5; j++)
        {
            if (j==5 || j==6-i || j==1)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```

```

(16) #include <stdio.h>
int main()

```

```

{
    int i, j;
    printf("enter two number\n");
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=9; j++)
        {
            if (j==4+i || j==6-i || j==5)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```



```

⑧ #include <stdio.h>
int main()
{
    int i, j;
    printf("enter two number\n");
    for (i=1; i<=5; i++)
    {
        for (j=1; j<=9; j++)
        {
            if (j==i || j==10-i || i==1)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```

```

⑩ #include <stdio.h>
int main()
{
    int i, j;
    printf("enter two number\n");
    for (i=1; i<=4; i++)
    {
        for (j=5; j<=9; j++)
        {
            if (j<=4+i || j>=6-i || i==5)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
    for (i=1; i<=4; i++)
    {
        for (j=1; j<=9; j++)
        {
            if (j>=1+i || j<=9-i)
                printf("x");
            else
                printf(" ");
        }
        printf("\n");
    }
}

```