


1.WAP to print following pattern

		j			
	1	2	3	4	5
i	1				
	2				
	3				
	4				
	5				

### Program

```
#include <stdio.h>
void main()
{
    int i,j;
    for(i=1;i<=5;i++){
        for(j=1;j<=5;j++){
            {
                if(i==1 || j==3 || (i==5&&j<=3) || (j==1&&i>=3))
                    printf("* ");
                else
                    printf(" ");

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

2.WAP to print following pattern

		j			
	1	2	3	4	5
i	1				
	2				
	3				
	4				
	5				

1 st row j

5 row j

1 st col j

### Program

```
#include <stdio.h>
void main()
{
    int i,j;
    for(i=1;i<=5;i++){
        for(j=1;j<=5;j++){
            {
                if(i==1 || i==5 || j==1 || (j==5&&i>=3) || (i==3&&j>=3))
                    printf("* ");
                else
                    printf(" ");

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

```

        printf("* ");
    else
        printf(" ");

    }
    printf("\n");
}
}

```

3.WAP to print following pattern

**Program**

```

#include <stdio.h>
void main()
{
    int i,j;
    for(i=1;i<=5;i++){
        for(j=1;j<=5;j++){
            {
                if(j==1 || j==5 || (i==j&&i<=3) || (i+j==6&&i<=3))
                    printf("* ");
                else
                    printf(" ");

            }
            printf("\n");
        }
    }
}

```

4.WAP to print following pattern

		j				
		1	2	3	4	5
i	1					
	2					
	3					
	4					
	5					

**Program**

```

#include <stdio.h>
void main()
{
    int i,j;
    for(i=1;i<=5;i++){
        for(j=1;j<=5;j++){
            {
                if(j==1 || j==5 || (i+j==6&&i>=3) || (i==j&&j>=3))
                    printf("* ");
                else
                    printf(" ");

            }
        }
    }
}

```

```

    }
    printf("\n");
}

}

```

5.WAP to print following shape

		j				
		1	2	3	4	5
i	1					
	2					
	3					
	4					
	5					

### Program

```

#include <stdio.h>
void main()
{
    int i,j;
    for(i=1;i<=5;i++){
        for(j=1;j<=5;j++){
            {
                if(i==3 || j==3 || (i==1&&j<=3) || (i==5&&j>=3) ||
                (j==5&&i<=3) || (j==1&&i>=3))
                    printf("* ");
                else
                    printf(" ");

            }
            printf("\n");
        }
    }
}

```