```c
1.#include <stdio.h>
 int main(){
 int i,j,k,l,m,n=10;
 for (i=1;i<=n;i++)
 {
 /*for (j=5;j>i;j--)
  {
     printf(" ");
  }*/
  for (k=1;k<=i;k++)
  {
        printf("* ");
  }
  for (j=1;j<=4*(n-i);j++)
  {
     printf(" ");
  }
   for (m=1;m<=i;m++)
  {
        printf("* ");
  }
  printf("\n");
 }

   return 0;
}

2.#include <stdio.h>
int main(){
 int i,j,k,l,m,s=0;
 for (i=1;i<=5;i++)
 {
  for (j=5;j>i;j--)
  {
     printf(" ");
  }
  for (k=1;k<=i;k++)
  {
          s++;
        printf("%d ",s);
  }
  printf("\n");
 }
   return 0;
}

3.#include <stdio.h>
int main(){
 int i,j,k,l,m;
 for (i=5;i>0;i--)
 {
  for (j=5;j>i;j--)
  {

     printf(" ");
  }
  for (k=1;k<=i;k++)
```

```c
    {
        printf("* ");
    }
    printf("\n");
  }
    return 0;
}

4.#include <stdio.h>
int main(){
  int i,j,k,l,m;
  for (i=1;i<=5;i++)
  {
   for (j=1;j<=5-i;j++)
   {
      printf("  ");
   }
   for (k=1;k<=i;k++)
   {
        printf("* ");
   }
    for (k=2;k<=i;k++)
   {
        printf("* ");
   }

    printf("\n");
  }
  for (i=5-1;i>0;i--)
  {
   for (j=1;j<=5-i;j++)
   {
      printf("  ");
   }
   for (k=1;k<=i;k++)
   {
        printf("* ");
   }
    for (k=2;k<=i;k++)
   {
        printf("* ");
   }

    printf("\n");
  }
    return 0;
}

5.#include <stdio.h>
int main(){
  int i,j,k,l,m;
  for (i=5;i>0;i--)
  {
   for (j=1;j<=5-i;j++)
   {
      printf("  ");
```

```c
    }
    for (k=1;k<=i;k++)
    {
        printf("* ");
    }
     for (k=2;k<=i;k++)
    {
        printf("* ");
    }

  printf("\n");
 }
 for (i=2;i<=5;i++)
 {
  for (j=1;j<=5-i;j++)
  {
     printf("  ");
  }
   for (k=1;k<=i;k++)
   {
        printf("* ");
   }
    for (k=2;k<=i;k++)
   {
        printf("* ");
   }

  printf("\n");
 }
  return 0;
}
```