

```
/**diamond with space*/
```

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

```
int main()
```

```
{
```

```
    int i,j,n;
```

```
    printf("enter value of n\n");
```

```
    scanf("%d",&n);
```

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

```
    {
```

```
        for(j=1;j<=n-i;j++)
```

```
        {
```

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

```
        }
```

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

```
        {
```

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

```
        }
```

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

```
    }
```

```
}
```

```
for(i=n-1;i>0;i--)
```

```
{
```

```
    for(j=1;j<=n-i;j++)
```

```
    {
```

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

```
    }
```

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

```
    {
```

```

printf("* ");

}

printf("\n");

return 0;

}

```

