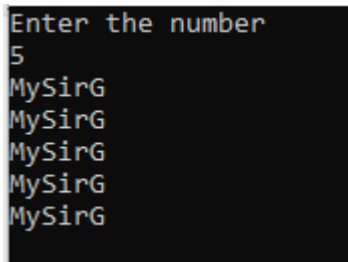# ASSIGNMENT 10

1. ```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int N,i;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("MySirG\n");
    getch();
}
```

```
Enter the number
5
MySirG
MySirG
MySirG
MySirG
MySirG
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int N,i=1;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("MySirG\n");
        i++;
    }
    getch();
}
```

```
Enter the number
10
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int N,i=1;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("MySirG\n");
        i++;
    }while(i<=N);
    getch();
}
```

```
Enter the number
15
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
MySirG
```

2. ```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int N,i=1;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",i);
    getch();
}
```
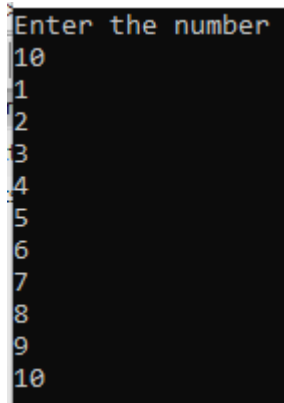
```
Enter the number
5
1
2
3
4
5
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int N,i=1;
    printf("Enter the number\n");
```

```c
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",i);
        i++;
    }
    getch();
}
```

```
Enter the number
10
1
2
3
4
5
6
7
8
9
10
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int N,i=1;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("%d\n",i);
        i++;
    }while(i<=N);
    getch();
}
```

```
Enter the number
15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
```

3. ```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=N;i>=1;i--)
        printf("%d\n",i);
    getch();
}
```

```
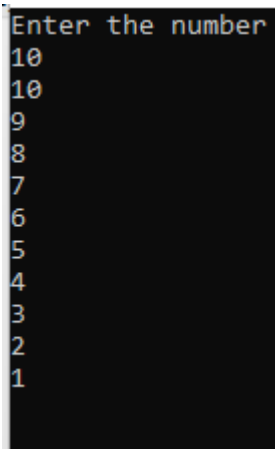Enter the number
5
5
4
3
2
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
```

```c
    scanf("%d",&N);
    i=N;
    while(i>=1)
    {
        printf("%d\n",i);
        i--;
    }
    getch();
}
```

```
Enter the number
10
10
9
8
7
6
5
4
3
2
1
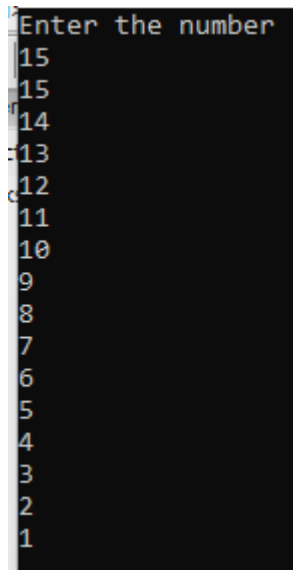```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N;
    do
    {
        printf("%d\n",i);
        i--;
    }while(i>=1);
    getch();
}
```

```
Enter the number
15
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",(N+1)-i);
    getch();
}
```

```
Enter the number
20
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",(N+1)-i);
        i++;
    }
    getch();
}
```

```
Enter the number
25
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
   int i=1,N;
   printf("Enter the number\n");
   scanf("%d",&N);
   do
   {
      printf("%d\n",(N+1)-i);
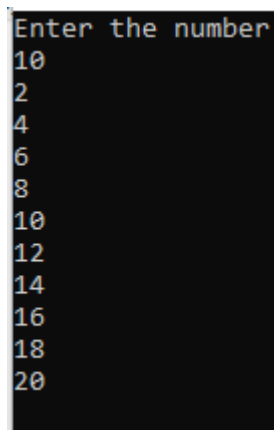      i++;
   }while(i<=N);
   getch();
}
```

```
Enter the number
22
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
```

4. ```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",2*i);
    getch();
}
```

```
Enter the number
5
2
4
6
8
10
```

<div align="center">OR</div>

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",2*i);
        i++;
    }
    getch();
}
```
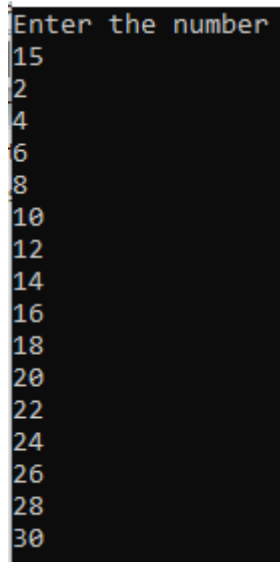
```
Enter the number
10
2
4
6
8
10
12
14
16
18
20
```

<div align="center">OR</div>

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("%d\n",2*i);
```
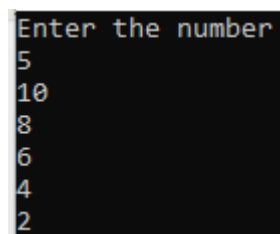
```
        i++;
    }while(i<=N);
    getch();
}
```

```
Enter the number
15
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
```

5.
```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=N;i>=1;i--)
        printf("%d\n",2*i);
    getch();
}
```

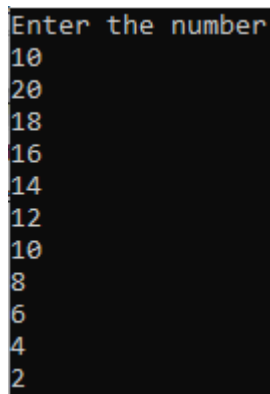```
Enter the number
5
10
8
6
4
2
```

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N;
    while(i>=1)
    {
        printf("%d\n",2*i);
        i--;
    }
    getch();
}
```

```
Enter the number
10
20
18
16
14
12
10
8
6
4
2
```
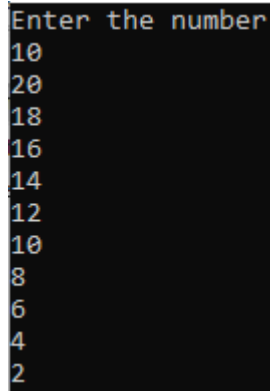
OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N;
    do
```

```c
    {
        printf("%d\n",2*i);
        i--;
    }while(i>=1);
    getch();
}
```

```
Enter the number
10
20
18
16
14
12
10
8
6
4
2
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",2*((N+1)-i));
    getch();
}
```

```
Enter the number
20
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",2*((N+1)-i));
        i++;
    }
    getch();
}
```

```
Enter the number
25
50
48
46
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
   int i=1,N;
   printf("Enter the number\n");
   scanf("%d",&N);
   do
   {
      printf("%d\n",2*((N+1)-i));
      i++;
   }while(i<=N);
   getch();
}
```
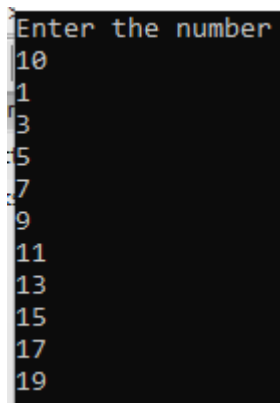
```
Enter the number
22
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
```

6. ```c
   #include<stdio.h>
   #include<conio.h>
   int main()
   {
       int i,N;
       printf("Enter the number\n");
       scanf("%d",&N);
       for(i=0;i<N;i++)
           printf("%d\n",2*i+1);
       getch();
   }
   ```

```
Enter the number
5
1
3
5
7
9
```

<div align="center">OR</div>

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=0,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<N)
    {
        printf("%d\n",2*i+1);
        i++;
    }
    getch();
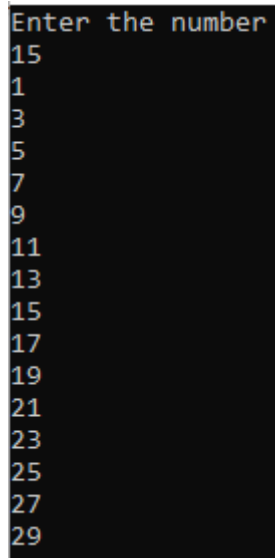}
```

```
Enter the number
10
1
3
5
7
9
11
13
15
17
19
```

<div align="center">OR</div>

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=0,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("%d\n",2*i+1);
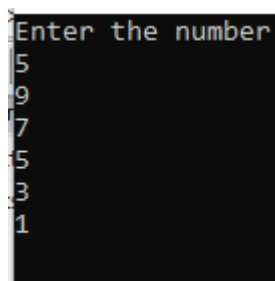```

```c
        i++;
    }while(i<N);
    getch();
}
```

```
Enter the number
15
1
3
5
7
9
11
13
15
17
19
21
23
25
27
29
```

7.
```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=N-1;i>=0;i--)
        printf("%d\n",2*i+1);
    getch();
}
```

```
Enter the number
5
9
7
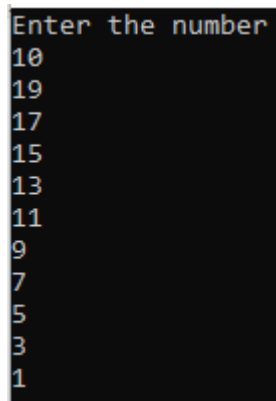5
3
1
```

<div align="center">OR</div>

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N-1;
    while(i>=0)
    {
        printf("%d\n",2*i+1);
        i--;
    }
    getch();
}
```

```
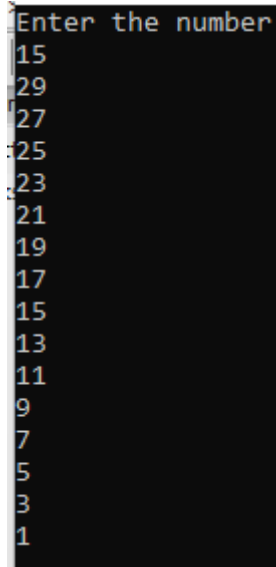Enter the number
10
19
17
15
13
11
9
7
5
3
1
```

<div align="center">OR</div>

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N-1;
    do
```

```c
    {
        printf("%d\n",2*i+1);
        i--;
    }while(i>=0);
    getch();
}
```

```
Enter the number
15
29
27
25
23
21
19
17
15
13
11
9
7
5
3
1
```

                        OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",((2*N+1)-2*i));
    getch();
}
```

```
Enter the number
20
39
37
35
33
31
29
27
25
23
21
19
17
15
13
11
9
7
5
3
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
   int i=1,N;
   printf("Enter the number\n");
   scanf("%d",&N);
   while(i<=N)
   {
      printf("%d\n",(2*N+1)-2*i);
      i++;
   }
   getch();
}
```

```
Enter the number
25
49
47
45
43
41
39
37
35
33
31
29
27
25
23
21
19
17
15
13
11
9
7
5
3
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("%d\n",(2*N+1)-2*i);
        i++;
    }while(i<=N);
    getch();
}
```

```
Enter the number
22
43
41
39
37
35
33
31
29
27
25
23
21
19
17
15
13
11
9
7
5
3
1
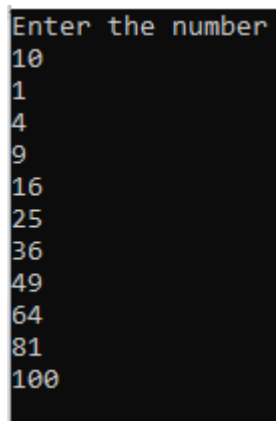```

8. #include<stdio.h>
   #include<conio.h>
   int main()
   {
       int i,N;
       printf("Enter the number\n");
       scanf("%d",&N);
       for(i=1;i<=N;i++)
           printf("%d\n",i*i);
       getch();
   }

```
Enter the number
5
1
4
9
16
25
```

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",i*i);
        i++;
    }
    getch();
}
```

```
Enter the number
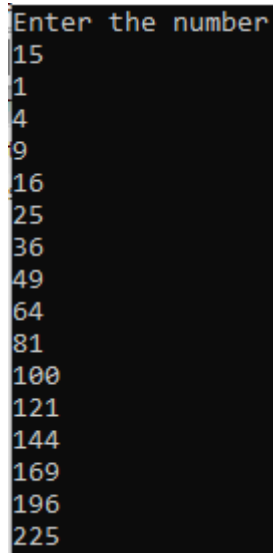10
1
4
9
16
25
36
49
64
81
100
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("%d\n",i*i);
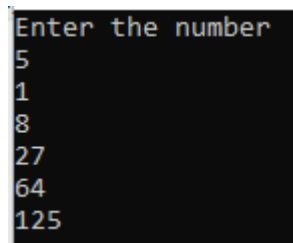```

```
        i++;
    }while(i<=N);
    getch();
}
```

```
Enter the number
15
1
4
9
16
25
36
49
64
81
100
121
144
169
196
225
```

9.
```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",i*i*i);
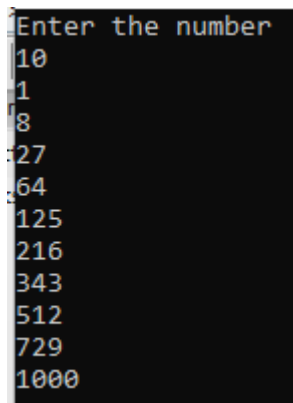    getch();
}
```

```
Enter the number
5
1
8
27
64
125
```

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",i*i*i);
        i++;
    }
    getch();
}
```

```
Enter the number
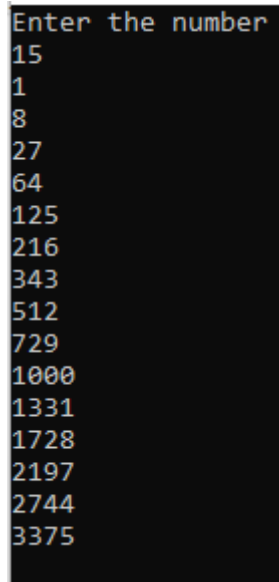10
1
8
27
64
125
216
343
512
729
1000
```

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("%d\n",i*i*i);
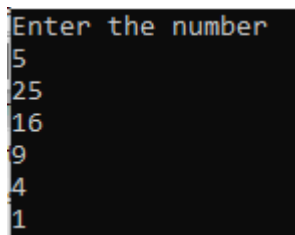```

```
        i++;
    }while(i<=N);
    getch();
}
```

```
Enter the number
15
1
8
27
64
125
216
343
512
729
1000
1331
1728
2197
2744
3375
```

10.
```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=N;i>=1;i--)
        printf("%d\n",i*i);
    getch();
}
```

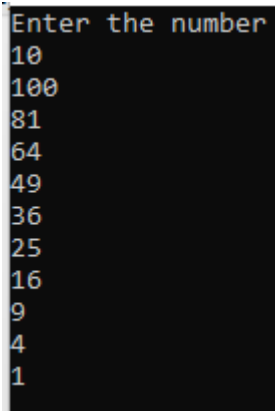```
Enter the number
5
25
16
9
4
1
```

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N;
    while(i>=1)
    {
        printf("%d\n",i*i);
        i--;
    }
    getch();
}
```

```
Enter the number
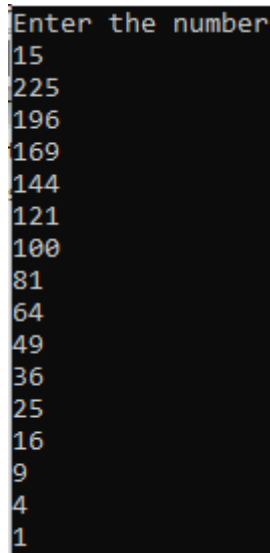10
100
81
64
49
36
25
16
9
4
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N;
    do
```

```c
    {
        printf("%d\n",i*i);
        i--;
    }while(i>=1);
    getch();
}
```

```
Enter the number
15
225
196
169
144
121
100
81
64
49
36
25
16
9
4
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",((N+1)-i)*((N+1)-i));
    getch();
}
```

```
Enter the number
20
400
361
324
289
256
225
196
169
144
121
100
81
64
49
36
25
16
9
4
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",((N+1)-i)*((N+1)-i));
        i++;
    }
    getch();
}
```

```
Enter the number
25
625
576
529
484
441
400
361
324
289
256
225
196
169
144
121
100
81
64
49
36
25
16
9
4
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    do
    {
        printf("%d\n",((N+1)-i)*((N+1)-i));
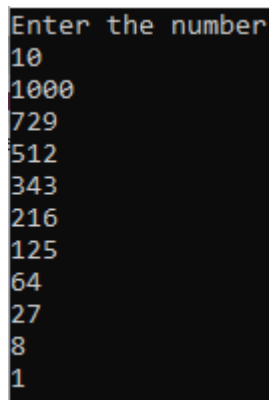        i++;
    }while(i<=N);
    getch();
}
```

```
Enter the number
22
484
441
400
361
324
289
256
225
196
169
144
121
100
81
64
49
36
25
16
9
4
1
```

11.
```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=N;i>=1;i--)
        printf("%d\n",i*i*i);
    getch();
}
```

```
Enter the number
5
125
64
27
8
1
```

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N;
    while(i>=1)
    {
        printf("%d\n",i*i*i);
        i--;
    }
    getch();
}
```

```
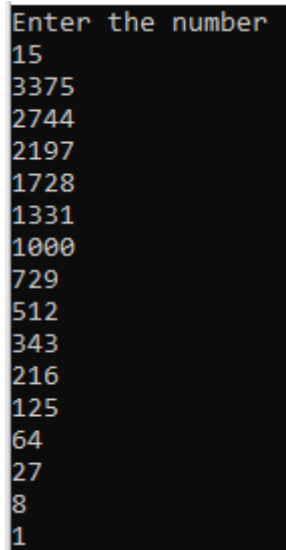Enter the number
10
1000
729
512
343
216
125
64
27
8
1
```

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    i=N;
    do
```

```c
    {
        printf("%d\n",i*i*i);
        i--;
    }while(i>=1);
    getch();
}
```

```
Enter the number
15
3375
2744
2197
1728
1331
1000
729
512
343
216
125
64
27
8
1
```

                    OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    for(i=1;i<=N;i++)
        printf("%d\n",((N+1)-i)*((N+1)-i)*((N+1)-i));
    getch();
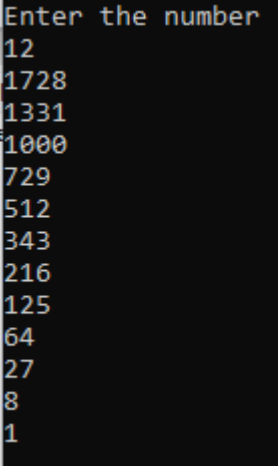}
```

```
Enter the number
6
216
125
64
27
8
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
    printf("Enter the number\n");
    scanf("%d",&N);
    while(i<=N)
    {
        printf("%d\n",((N+1)-i)*((N+1)-i)*((N+1)-i));
        i++;
    }
    getch();
}
```

```
Enter the number
9
729
512
343
216
125
64
27
8
1
```

OR

```c
#include<stdio.h>
#include<conio.h>
int main()
{
    int i=1,N;
```

```c
printf("Enter the number\n");
scanf("%d",&N);
do
{
    printf("%d\n",((N+1)-i)*((N+1)-i)*((N+1)-i));
    i++;
}while(i<=N);
getch();
}
```

```
Enter the number
12
1728
1331
1000
729
512
343
216
125
64
27
8
1
```