

22. Write a program to print following patterns:

i	1	ii	12345	iii	55555	iv	1
	12		1234		4444		22
	123		123		333		333
	1234		12		22		4444
	12345		1		1		55555

PRACTICAL NO.21

23

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

```
1 12
```

```
123 1234 12345 [Proc */
```

```
int main() {
```

```
int i,j;
```

```
for(i=i;i<=5;i++) {
```

```
for(j=1;j<=i;j++) {
```

```
printf("%d",j); }
```

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

```
//printf("Hello world!"); return 0;
```

```
}
```

```
-----
```

```
-----
```

```
-----//2
```

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

PRACTICAL NO.21

54321 4321 321 21 1

[Proc [Proc */

int main() {int n;

printf("ENTER THE LENGTH OF PATTERN"); int i,j;

scanf("%d",&n); for(i=n;i>=1;i--) {

for(j=i;j>=1;j--) {

printf("%d",j); }

printf("\n"); }

//printf("Hello world!"); return 0;}

//3

#include<stdio.h> /*

ENTER THE LENGTH OF PATTERN 5 55555 4444 333 22 1

[Proc */int main() {

int n; printf("ENTER THE LENGTH OF PATTERN ");

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

for(i=n;i>=1;i--) {

for(j=i;j>=1;j--) {

printf("%d",i); }

printf("\n"); }

//printf("Hello world!"); return 0;

}

//iv

#include<stdio.h> /*

PRACTICAL NO.21

1 22

333 444455555

[Proc */

int main() {

int i,j;

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

for(j=1;j<=i;j++) {

printf("%d",i); }

printf("\n"); }

return 0; }

<pre>1 12 123 1234 12345 [Process completed - press any key]</pre>	<pre>ENTER THE LENGTH OF PATTERN: 54321 4321 321 21 1 [Process completed - press any key]</pre>
<pre>ENTER THE LENGTH OF PATTERN: 55555 4444 333 22 1 [Process completed - press any key]</pre>	<pre>1 22 333 4444 55555</pre>

PRACTICAL NO.21